

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101524\
 Data File : VY019899.D
 Acq On : 15 Oct 2024 12:41
 Operator : SY/MD
 Sample : VY1015SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1015SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/16/2024
 Supervised By :Semsettin Yesilyurt 10/16/2024

Quant Time: Oct 16 02:46:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	290001	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	512639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	437756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	209107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	191133	53.527	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 107.060%		
35) Dibromofluoromethane	7.634	113	179522	53.068	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 106.140%		
50) Toluene-d8	10.109	98	649118	51.961	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery	= 103.920%		
62) 4-Bromofluorobenzene	12.408	95	231189	51.217	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery	= 102.440%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	48652	18.021	ug/l	91
3) Chloromethane	2.074	50	64482	18.352	ug/l	95
4) Vinyl Chloride	2.208	62	72113	18.650	ug/l	100
5) Bromomethane	2.592	94	47686	19.484	ug/l	95
6) Chloroethane	2.739	64	50841	19.573	ug/l	100
7) Trichlorofluoromethane	3.056	101	111234	19.334	ug/l	100
8) Diethyl Ether	3.458	74	33131	18.947	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.824	101	65127	19.461	ug/l	92
10) Methyl Iodide	4.013	142	59227	17.499	ug/l #	89
11) Tert butyl alcohol	4.866	59	32412	96.890	ug/l #	83
12) 1,1-Dichloroethene	3.793	96	58385	18.766	ug/l	85
13) Acrolein	3.659	56	27376	104.337	ug/l	100
14) Allyl chloride	4.385	41	110248	19.640	ug/l #	89
15) Acrylonitrile	5.061	53	82101	102.653	ug/l	96
16) Acetone	3.873	43	104087	111.978	ug/l #	83
17) Carbon Disulfide	4.110	76	127878	15.335	ug/l	100
18) Methyl Acetate	4.391	43	40983	20.467	ug/l #	88
19) Methyl tert-butyl Ether	5.116	73	184383	20.629	ug/l	98
20) Methylene Chloride	4.616	84	75965	21.661	ug/l #	81
21) trans-1,2-Dichloroethene	5.122	96	64193	18.958	ug/l #	83
22) Diisopropyl ether	6.019	45	261787	21.410	ug/l	88
23) Vinyl Acetate	5.964	43	713739	101.824	ug/l #	91
24) 1,1-Dichloroethane	5.915	63	141601	20.834	ug/l	97
25) 2-Butanone	6.896	43	138169	111.050	ug/l #	84
26) 2,2-Dichloropropane	6.890	77	120841	19.964	ug/l	94
27) cis-1,2-Dichloroethene	6.890	96	82744	19.774	ug/l	83
28) Bromochloromethane	7.250	49	63941	21.374	ug/l #	72
29) Tetrahydrofuran	7.268	42	74162	104.393	ug/l #	79
30) Chloroform	7.427	83	147240	21.251	ug/l	99
31) Cyclohexane	7.701	56	107083	17.948	ug/l	91
32) 1,1,1-Trichloroethane	7.622	97	121152	19.953	ug/l	93
36) 1,1-Dichloropropene	7.835	75	94796	19.451	ug/l	93
37) Ethyl Acetate	6.982	43	52416	20.626	ug/l #	93
38) Carbon Tetrachloride	7.817	117	99400	19.025	ug/l	94
39) Methylcyclohexane	9.109	83	109195	17.782	ug/l	90
40) Benzene	8.079	78	295049	20.004	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101524\
 Data File : VY019899.D
 Acq On : 15 Oct 2024 12:41
 Operator : SY/MD
 Sample : VY1015SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1015SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/16/2024
 Supervised By :Semsettin Yesilyurt 10/16/2024

Quant Time: Oct 16 02:46:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	25778	18.742	ug/l	93
42) 1,2-Dichloroethane	8.158	62	87969	20.760	ug/l	93
43) Isopropyl Acetate	8.201	43	104528	20.169	ug/l #	88
44) Trichloroethene	8.866	130	68378	19.141	ug/l	85
45) 1,2-Dichloropropane	9.140	63	75387	20.421	ug/l	99
46) Dibromomethane	9.231	93	39611	19.639	ug/l	91
47) Bromodichloromethane	9.426	83	110133	20.571	ug/l #	98
48) Methyl methacrylate	9.219	41	45984	20.171	ug/l #	78
49) 1,4-Dioxane	9.231	88	9333	413.424	ug/l #	82
51) 4-Methyl-2-Pentanone	10.000	43	279910	105.886	ug/l	88
52) Toluene	10.170	92	183868	19.971	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	94071	19.529	ug/l	94
54) cis-1,3-Dichloropropene	9.859	75	112202	19.740	ug/l #	87
55) 1,1,2-Trichloroethane	10.573	97	55503	20.886	ug/l	97
56) Ethyl methacrylate	10.438	69	75749	19.865	ug/l #	76
57) 1,3-Dichloropropane	10.719	76	98056	21.011	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	184949	104.189	ug/l	92
59) 2-Hexanone	10.762	43	205755	108.976	ug/l	87
60) Dibromochloromethane	10.914	129	67945	19.920	ug/l	99
61) 1,2-Dibromoethane	11.018	107	48589	20.234	ug/l	96
64) Tetrachloroethene	10.646	164	55455	17.810	ug/l	92
65) Chlorobenzene	11.444	112	200186	19.994	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	67665	19.974	ug/l	99
67) Ethyl Benzene	11.518	91	363357	19.978	ug/l	98
68) m/p-Xylenes	11.627	106	265128	39.470	ug/l	90
69) o-Xylene	11.956	106	125645	19.468	ug/l	87
70) Styrene	11.969	104	221243	20.318	ug/l	95
71) Bromoform	12.133	173	35648	19.657	ug/l #	99
73) Isopropylbenzene	12.255	105	348369	19.806	ug/l	99
74) N-amyl acetate	12.072	43	92860	19.934	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	65703	21.023	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	47990m	11.715	ug/l	
77) Bromobenzene	12.530	156	72278	19.365	ug/l	82
78) n-propylbenzene	12.597	91	425272	20.010	ug/l	98
79) 2-Chlorotoluene	12.682	91	244447	20.063	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	281000	19.783	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	19048	18.769	ug/l #	81
82) 4-Chlorotoluene	12.780	91	250813	20.132	ug/l	95
83) tert-Butylbenzene	12.999	119	259941	20.428	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	280157	19.893	ug/l	97
85) sec-Butylbenzene	13.176	105	384483	20.223	ug/l	97
86) p-Isopropyltoluene	13.292	119	307868	19.942	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	148337	19.680	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	149927	20.247	ug/l	95
89) n-Butylbenzene	13.615	91	307781	20.417	ug/l	97
90) Hexachloroethane	13.877	117	59583	19.820	ug/l	85
91) 1,2-Dichlorobenzene	13.657	146	131858	19.910	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	9813	19.674	ug/l	75
93) 1,2,4-Trichlorobenzene	14.919	180	69923	18.829	ug/l	98
94) Hexachlorobutadiene	15.023	225	38313	18.557	ug/l	98
95) Naphthalene	15.145	128	129316	18.463	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	60069	19.135	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101524\
Data File : VY019899.D
Acq On : 15 Oct 2024 12:41
Operator : SY/MD
Sample : VY1015SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1015SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024

Quant Time: Oct 16 02:46:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 10 05:30:07 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY01524\
Data File : VY019899.D
Acq On : 15 Oct 2024 12:41
Operator : SY/MD
Sample : VY015SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY015SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/16/2024
Supervised By :Semsettin Yesilyurt 10/16/2024

Quant Time: Oct 16 02:46:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 10 05:30:07 2024
Response via : Initial Calibration

