

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101524\
 Data File : VY019898.D
 Acq On : 15 Oct 2024 12:10
 Operator : SY/MD
 Sample : VY1015SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1015SBS01

Quant Time: Oct 16 02:45:47 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	300208	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	519890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	445207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	210335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	175686	47.528	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.060%		
35) Dibromofluoromethane	7.634	113	167676	48.875	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.760%		
50) Toluene-d8	10.109	98	610762	48.209	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.420%		
62) 4-Bromofluorobenzene	12.408	95	213891	46.724	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	93.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	52869	18.918	ug/l	95
3) Chloromethane	2.074	50	71538	19.668	ug/l	97
4) Vinyl Chloride	2.208	62	78930	19.719	ug/l	97
5) Bromomethane	2.598	94	52792	20.837	ug/l	98
6) Chloroethane	2.739	64	54951	20.436	ug/l	99
7) Trichlorofluoromethane	3.062	101	122852	20.627	ug/l	96
8) Diethyl Ether	3.458	74	33826	18.687	ug/l	67
9) 1,1,2-Trichlorotrifluo...	3.824	101	72774	21.007	ug/l	90
10) Methyl Iodide	4.007	142	61416	17.528	ug/l #	90
11) Tert butyl alcohol	4.860	59	35430	102.311	ug/l #	92
12) 1,1-Dichloroethene	3.793	96	63695	19.777	ug/l #	81
13) Acrolein	3.653	56	27530	101.357	ug/l	98
14) Allyl chloride	4.391	41	119510	20.566	ug/l #	89
15) Acrylonitrile	5.061	53	86513	104.492	ug/l	98
16) Acetone	3.873	43	108395	112.648	ug/l	88
17) Carbon Disulfide	4.110	76	142191	16.472	ug/l #	94
18) Methyl Acetate	4.385	43	41195	19.874	ug/l	90
19) Methyl tert-butyl Ether	5.122	73	191107	20.654	ug/l	94
20) Methylene Chloride	4.616	84	79420	21.884	ug/l #	81
21) trans-1,2-Dichloroethene	5.116	96	68686	19.595	ug/l #	84
22) Diisopropyl ether	6.019	45	281539	22.243	ug/l #	86
23) Vinyl Acetate	5.964	43	766382	105.617	ug/l #	89
24) 1,1-Dichloroethane	5.915	63	153064	21.754	ug/l	94
25) 2-Butanone	6.896	43	141022	109.490	ug/l #	82
26) 2,2-Dichloropropane	6.884	77	133091	21.240	ug/l	93
27) cis-1,2-Dichloroethene	6.890	96	90426	20.875	ug/l	80
28) Bromochloromethane	7.250	49	61601	19.891	ug/l #	71
29) Tetrahydrofuran	7.262	42	74613	101.457	ug/l #	82
30) Chloroform	7.421	83	158872	22.151	ug/l	99
31) Cyclohexane	7.701	56	120896	19.574	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	133928	21.307	ug/l	95
36) 1,1-Dichloropropene	7.835	75	101650	20.566	ug/l	96
37) Ethyl Acetate	6.988	43	55710	21.616	ug/l #	95
38) Carbon Tetrachloride	7.817	117	112358	21.205	ug/l	95
39) Methylcyclohexane	9.110	83	120598	19.365	ug/l #	87
40) Benzene	8.085	78	313462	20.956	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101524\
 Data File : VY019898.D
 Acq On : 15 Oct 2024 12:10
 Operator : SY/MD
 Sample : VY1015SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 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 02:45:47 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	31001	22.225	ug/l #	85
42) 1,2-Dichloroethane	8.158	62	92301	21.479	ug/l	94
43) Isopropyl Acetate	8.195	43	108724	20.686	ug/l #	79
44) Trichloroethene	8.866	130	72885	20.118	ug/l	92
45) 1,2-Dichloropropane	9.140	63	83867	22.401	ug/l	96
46) Dibromomethane	9.231	93	42238	20.649	ug/l	88
47) Bromodichloromethane	9.420	83	117316	21.607	ug/l	99
48) Methyl methacrylate	9.225	41	47753	20.654	ug/l #	81
49) 1,4-Dioxane	9.231	88	9498	414.865	ug/l #	80
51) 4-Methyl-2-Pentanone	10.000	43	287687	107.310	ug/l	88
52) Toluene	10.170	92	195732	20.963	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	99294	20.325	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	118138	20.495	ug/l #	82
55) 1,1,2-Trichloroethane	10.573	97	56633	21.014	ug/l	97
56) Ethyl methacrylate	10.439	69	78337	20.258	ug/l #	74
57) 1,3-Dichloropropane	10.719	76	98922	20.901	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	185867	103.246	ug/l	94
59) 2-Hexanone	10.762	43	210139	109.745	ug/l	86
60) Dibromochloromethane	10.914	129	72773	21.038	ug/l	100
61) 1,2-Dibromoethane	11.012	107	49049	20.141	ug/l	99
64) Tetrachloroethene	10.646	164	61895	19.546	ug/l	94
65) Chlorobenzene	11.438	112	213820	20.998	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	72032	20.908	ug/l	99
67) Ethyl Benzene	11.518	91	395855	21.400	ug/l	100
68) m/p-Xylenes	11.627	106	290106	42.465	ug/l	92
69) o-Xylene	11.957	106	138706	21.132	ug/l	91
70) Styrene	11.969	104	232346	20.981	ug/l	95
71) Bromoform	12.133	173	37630	20.403	ug/l #	95
73) Isopropylbenzene	12.255	105	384833	21.752	ug/l	98
74) N-amyl acetate	12.072	43	95909	20.468	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	67128	21.354	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	48583m	11.791	ug/l	
77) Bromobenzene	12.530	156	76752	20.444	ug/l	81
78) n-propylbenzene	12.597	91	470959	22.031	ug/l	97
79) 2-Chlorotoluene	12.676	91	266807	21.770	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	308332	21.580	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.304	75	19753	19.350	ug/l #	74
82) 4-Chlorotoluene	12.773	91	272864	21.775	ug/l	94
83) tert-Butylbenzene	12.999	119	282761	22.091	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	304588	21.502	ug/l	95
85) sec-Butylbenzene	13.176	105	426480	22.301	ug/l	97
86) p-Isopropyltoluene	13.292	119	330747	21.299	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	160096	21.116	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	155524	20.880	ug/l	96
89) n-Butylbenzene	13.615	91	332033	21.897	ug/l	98
90) Hexachloroethane	13.877	117	66058	21.846	ug/l	86
91) 1,2-Dichlorobenzene	13.657	146	139360	20.919	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	10127	20.185	ug/l	70
93) 1,2,4-Trichlorobenzene	14.919	180	75299	20.158	ug/l	98
94) Hexachlorobutadiene	15.023	225	41676	20.068	ug/l	98
95) Naphthalene	15.145	128	134092	19.033	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	61119	19.356	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101524\
Data File : VY019898.D
Acq On : 15 Oct 2024 12:10
Operator : SY/MD
Sample : VY1015SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 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 02:45:47 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

