

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101524\
 Data File : VY019901.D
 Acq On : 15 Oct 2024 14:16
 Operator : SY/MD
 Sample : VY1015SBS03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1015SBS03

Quant Time: Oct 16 02:48:51 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	7.713	168	251727	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	427488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	364319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	179684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	149672	48.289	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.580%		
35) Dibromofluoromethane	7.634	113	138002	48.920	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.840%		
50) Toluene-d8	10.103	98	486048	46.657	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.320%		
62) 4-Bromofluorobenzene	12.402	95	181856	48.313	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	96.620%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	50740	21.652	ug/l	97
3) Chloromethane	2.068	50	60464	19.825	ug/l	100
4) Vinyl Chloride	2.208	62	70852	21.110	ug/l	95
5) Bromomethane	2.592	94	45115	21.237	ug/l	94
6) Chloroethane	2.739	64	46694	20.709	ug/l	99
7) Trichlorofluoromethane	3.056	101	110107	22.047	ug/l	97
8) Diethyl Ether	3.458	74	32555	21.449	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.812	101	67176	23.125	ug/l	90
10) Methyl Iodide	4.007	142	55912	19.031	ug/l #	90
11) Tert butyl alcohol	4.860	59	29118	100.278	ug/l #	97
12) 1,1-Dichloroethene	3.787	96	53600	19.848	ug/l #	77
13) Acrolein	3.659	56	24008	105.413	ug/l	98
14) Allyl chloride	4.385	41	100202	20.565	ug/l #	90
15) Acrylonitrile	5.068	53	79527	114.554	ug/l	97
16) Acetone	3.873	43	97794	121.205	ug/l #	86
17) Carbon Disulfide	4.110	76	123024	16.996	ug/l	96
18) Methyl Acetate	4.385	43	37467	21.556	ug/l #	87
19) Methyl tert-butyl Ether	5.116	73	171005	22.041	ug/l	99
20) Methylene Chloride	4.616	84	76900	25.398	ug/l #	78
21) trans-1,2-Dichloroethene	5.110	96	59358	20.195	ug/l	88
22) Diisopropyl ether	6.025	45	242077	22.809	ug/l #	91
23) Vinyl Acetate	5.964	43	679008	111.597	ug/l #	90
24) 1,1-Dichloroethane	5.915	63	129750	21.993	ug/l	95
25) 2-Butanone	6.890	43	129297	119.720	ug/l #	82
26) 2,2-Dichloropropane	6.884	77	112637	21.438	ug/l	94
27) cis-1,2-Dichloroethene	6.890	96	75383	20.754	ug/l	83
28) Bromochloromethane	7.244	49	60297	23.220	ug/l #	73
29) Tetrahydrofuran	7.262	42	69383	112.516	ug/l #	82
30) Chloroform	7.421	83	133814	22.250	ug/l	99
31) Cyclohexane	7.701	56	108659	20.981	ug/l	90
32) 1,1,1-Trichloroethane	7.616	97	115111	21.840	ug/l	94
36) 1,1-Dichloropropene	7.835	75	90325	22.225	ug/l	95
37) Ethyl Acetate	6.988	43	50641	23.897	ug/l #	95
38) Carbon Tetrachloride	7.823	117	98295	22.561	ug/l	98
39) Methylcyclohexane	9.110	83	111231	21.722	ug/l #	87
40) Benzene	8.079	78	267896	21.781	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101524\
 Data File : VY019901.D
 Acq On : 15 Oct 2024 14:16
 Operator : SY/MD
 Sample : VY1015SBS03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1015SBS03

Manual Integrations
 APPROVED

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

Quant Time: Oct 16 02:48:51 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	7.226	41	24454	21.321	ug/l	92
42) 1,2-Dichloroethane	8.158	62	79752	22.570	ug/l	95
43) Isopropyl Acetate	8.201	43	97385	22.533	ug/l #	79
44) Trichloroethene	8.866	130	63936	21.462	ug/l	88
45) 1,2-Dichloropropane	9.140	63	70281	22.829	ug/l	100
46) Dibromomethane	9.231	93	37675	22.399	ug/l #	88
47) Bromodichloromethane	9.420	83	101967	22.840	ug/l	97
48) Methyl methacrylate	9.219	41	44985	23.663	ug/l #	80
49) 1,4-Dioxane	9.231	88	8936	474.685	ug/l #	81
51) 4-Methyl-2-Pentanone	10.000	43	263812	119.674	ug/l	89
52) Toluene	10.170	92	169279	22.049	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	85281	21.230	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	101921	21.503	ug/l #	79
55) 1,1,2-Trichloroethane	10.573	97	50712	22.884	ug/l	98
56) Ethyl methacrylate	10.439	69	71659	22.536	ug/l #	74
57) 1,3-Dichloropropane	10.713	76	88688	22.790	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	177796	120.110	ug/l	95
59) 2-Hexanone	10.762	43	196562	124.844	ug/l	86
60) Dibromochloromethane	10.908	129	63246	22.236	ug/l	99
61) 1,2-Dibromoethane	11.012	107	45760	22.851	ug/l	95
64) Tetrachloroethene	10.646	164	54698	21.108	ug/l	97
65) Chlorobenzene	11.438	112	184096	22.093	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.512	131	64615	22.919	ug/l	96
67) Ethyl Benzene	11.518	91	339053	22.399	ug/l	99
68) m/p-Xylenes	11.627	106	242608	43.397	ug/l	89
69) o-Xylene	11.950	106	119986	22.338	ug/l	94
70) Styrene	11.969	104	202505	22.346	ug/l	95
71) Bromoform	12.133	173	32660	21.640	ug/l #	99
73) Isopropylbenzene	12.255	105	327549	21.672	ug/l	98
74) N-amyl acetate	12.066	43	89346	22.320	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	61520	22.908	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	40868m	11.610	ug/l	
77) Bromobenzene	12.530	156	65983	20.573	ug/l	81
78) n-propylbenzene	12.591	91	410088	22.455	ug/l	97
79) 2-Chlorotoluene	12.676	91	228405	21.816	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	261587	21.431	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.298	75	18387	21.084	ug/l #	81
82) 4-Chlorotoluene	12.773	91	232165	21.687	ug/l	95
83) tert-Butylbenzene	12.993	119	247680	22.651	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	261425	21.603	ug/l	97
85) sec-Butylbenzene	13.176	105	372475	22.799	ug/l	97
86) p-Isopropyltoluene	13.292	119	292420	22.043	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	139957	21.609	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	136793	21.499	ug/l	96
89) n-Butylbenzene	13.615	91	297691	22.981	ug/l	98
90) Hexachloroethane	13.877	117	57455	22.242	ug/l	84
91) 1,2-Dichlorobenzene	13.657	146	122443	21.515	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.267	75	9473	22.102	ug/l	73
93) 1,2,4-Trichlorobenzene	14.919	180	69332	21.727	ug/l	96
94) Hexachlorobutadiene	15.023	225	38889	21.920	ug/l	96
95) Naphthalene	15.145	128	131878	21.912	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	58830	21.809	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101524\
Data File : VY019901.D
Acq On : 15 Oct 2024 14:16
Operator : SY/MD
Sample : VY1015SBS03
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1015SBS03

Manual Integrations
APPROVED

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

Quant Time: Oct 16 02:48:51 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

