

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101824\
 Data File : VY019944.D
 Acq On : 18 Oct 2024 11:30
 Operator : SY/MD
 Sample : VY1018SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1018SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/21/2024
 Supervised By :Semsettin Yesilyurt 10/21/2024

Quant Time: Oct 19 01:04:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	218494	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	391392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	333834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	161403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	145075	53.925	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.860%			
35) Dibromofluoromethane	7.634	113	137264	53.146	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.300%			
50) Toluene-d8	10.109	98	495913	51.995	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.980%			
62) 4-Bromofluorobenzene	12.401	95	175768	51.002	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 102.000%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.866	85	41039	20.176	ug/l	100
3) Chloromethane	2.068	50	54226	20.483	ug/l	100
4) Vinyl Chloride	2.208	62	62069	21.306	ug/l	99
5) Bromomethane	2.598	94	40163	21.781	ug/l	98
6) Chloroethane	2.738	64	44373	22.673	ug/l	98
7) Trichlorofluoromethane	3.055	101	93994	21.684	ug/l	99
8) Diethyl Ether	3.458	74	29431	22.340	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.817	101	56065	22.236	ug/l	92
10) Methyl Iodide	4.006	142	48056	18.845	ug/l #	88
11) Tert butyl alcohol	4.860	59	24716	103.082	ug/l #	97
12) 1,1-Dichloroethene	3.787	96	48194	20.561	ug/l #	79
13) Acrolein	3.659	56	20299	102.684	ug/l	97
14) Allyl chloride	4.384	41	92366	21.840	ug/l #	88
15) Acrylonitrile	5.061	53	71932	119.373	ug/l	98
16) Acetone	3.878	43	83110	118.673	ug/l #	79
17) Carbon Disulfide	4.104	76	103637	16.495	ug/l	98
18) Methyl Acetate	4.384	43	34291	22.730	ug/l #	88
19) Methyl tert-butyl Ether	5.122	73	149369	22.181	ug/l	96
20) Methylene Chloride	4.622	84	59617	22.597	ug/l #	77
21) trans-1,2-Dichloroethene	5.122	96	53075	20.804	ug/l	86
22) Diisopropyl ether	6.024	45	223819	24.296	ug/l #	92
23) Vinyl Acetate	5.963	43	604146	114.396	ug/l #	91
24) 1,1-Dichloroethane	5.914	63	119297	23.296	ug/l	95
25) 2-Butanone	6.902	43	111087	118.504	ug/l #	79
26) 2,2-Dichloropropane	6.890	77	95590	20.960	ug/l	94
27) cis-1,2-Dichloroethene	6.890	96	69922	22.178	ug/l	84
28) Bromochloromethane	7.244	49	56405	25.025	ug/l #	72
29) Tetrahydrofuran	7.262	42	61509	114.918	ug/l #	83
30) Chloroform	7.426	83	122874	23.539	ug/l	98
31) Cyclohexane	7.701	56	91066	20.259	ug/l	89
32) 1,1,1-Trichloroethane	7.622	97	104070	22.749	ug/l #	94
36) 1,1-Dichloropropene	7.841	75	80881	21.737	ug/l	91
37) Ethyl Acetate	6.987	43	44743	23.061	ug/l	96
38) Carbon Tetrachloride	7.823	117	85553	21.448	ug/l	99
39) Methylcyclohexane	9.109	83	93938	20.036	ug/l #	88
40) Benzene	8.079	78	242301	21.517	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	20145	19.184	ug/l #	89
42) 1,2-Dichloroethane	8.158	62	72512	22.414	ug/l	94
43) Isopropyl Acetate	8.201	43	86765	21.927	ug/l #	87
44) Trichloroethene	8.865	130	54764	20.079	ug/l	80
45) 1,2-Dichloropropane	9.140	63	65941	23.395	ug/l	92
46) Dibromomethane	9.231	93	32991	21.423	ug/l	90
47) Bromodichloromethane	9.426	83	92079	22.527	ug/l #	96
48) Methyl methacrylate	9.225	41	39158	22.497	ug/l #	79
49) 1,4-Dioxane	9.231	88	6836	396.621	ug/l #	75
51) 4-Methyl-2-Pentanone	9.999	43	235020	116.446	ug/l	87
52) Toluene	10.170	92	152242	21.658	ug/l	99
53) t-1,3-Dichloropropene	10.395	75	77811	21.157	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	92026	21.206	ug/l #	84
55) 1,1,2-Trichloroethane	10.572	97	46229	22.785	ug/l	97
56) Ethyl methacrylate	10.438	69	61174	21.013	ug/l #	69
57) 1,3-Dichloropropane	10.719	76	79618	22.346	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	152981	112.878	ug/l	93
59) 2-Hexanone	10.761	43	167304	116.061	ug/l	86
60) Dibromochloromethane	10.908	129	56693	21.770	ug/l	99
61) 1,2-Dibromoethane	11.011	107	40136	21.891	ug/l	98
64) Tetrachloroethene	10.645	164	47525	20.015	ug/l	91
65) Chlorobenzene	11.438	112	166484	21.804	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	57711	22.339	ug/l	96
67) Ethyl Benzene	11.517	91	302966	21.843	ug/l	98
68) m/p-Xylenes	11.627	106	220571	43.058	ug/l	92
69) o-Xylene	11.950	106	107929	21.929	ug/l	93
70) Styrene	11.968	104	182961	22.033	ug/l	95
71) Bromoform	12.127	173	29302	21.188	ug/l #	98
73) Isopropylbenzene	12.255	105	293190	21.596	ug/l	98
74) N-amyl acetate	12.066	43	78857	21.931	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	56489	23.417	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	38735m	12.251	ug/l	
77) Bromobenzene	12.529	156	59620	20.695	ug/l	80
78) n-propylbenzene	12.590	91	364778	22.237	ug/l	96
79) 2-Chlorotoluene	12.675	91	207646	22.079	ug/l	92
80) 1,3,5-Trimethylbenzene	12.736	105	235470	21.477	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.297	75	14955	19.091	ug/l #	73
82) 4-Chlorotoluene	12.773	91	210687	21.910	ug/l	93
83) tert-Butylbenzene	12.992	119	222297	22.633	ug/l	96
84) 1,2,4-Trimethylbenzene	13.041	105	236392	21.747	ug/l	96
85) sec-Butylbenzene	13.175	105	327186	22.296	ug/l	98
86) p-Isopropyltoluene	13.291	119	256209	21.501	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	124033	21.319	ug/l	97
88) 1,4-Dichlorobenzene	13.364	146	122595	21.449	ug/l	95
89) n-Butylbenzene	13.614	91	262951	22.599	ug/l	97
90) Hexachloroethane	13.883	117	50118	21.599	ug/l	85
91) 1,2-Dichlorobenzene	13.657	146	110840	21.682	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8834	22.946	ug/l	64
93) 1,2,4-Trichlorobenzene	14.919	180	58162	20.291	ug/l	97
94) Hexachlorobutadiene	15.023	225	33721	21.160	ug/l	98
95) Naphthalene	15.145	128	110055	20.357	ug/l	99
96) 1,2,3-Trichlorobenzene	15.327	180	49865	20.579	ug/l	97

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

