

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110624\
 Data File : VY020177.D
 Acq On : 06 Nov 2024 13:32
 Operator : SY/MD
 Sample : VY1106SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1106SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/07/2024
 Supervised By :Mahesh Dadoda 11/07/2024

Quant Time: Nov 07 00:24:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	215025	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	385914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	337795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	160681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	138257	51.518	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	103.040%		
35) Dibromofluoromethane	7.640	113	125086	50.980	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.960%		
50) Toluene-d8	10.103	98	478952	49.040	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.080%		
62) 4-Bromofluorobenzene	12.407	95	160669	50.647	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	101.300%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.866	85	39120	19.654	ug/l	98
3) Chloromethane	2.068	50	65832	19.967	ug/l	99
4) Vinyl Chloride	2.208	62	70855	20.019	ug/l	94
5) Bromomethane	2.592	94	48876	20.799	ug/l	100
6) Chloroethane	2.738	64	47887	20.964	ug/l	98
7) Trichlorofluoromethane	3.061	101	85172	19.698	ug/l	96
8) Diethyl Ether	3.458	74	26896	22.303	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.817	101	49148	20.266	ug/l	91
10) Methyl Iodide	4.006	142	46575	19.892	ug/l	90
11) Tert butyl alcohol	4.860	59	23134	119.843	ug/l	# 81
12) 1,1-Dichloroethene	3.793	96	45525	19.620	ug/l	# 75
13) Acrolein	3.659	56	22519	93.712	ug/l	100
14) Allyl chloride	4.384	41	85466	20.415	ug/l	# 90
15) Acrylonitrile	5.067	53	61864	112.695	ug/l	98
16) Acetone	3.878	43	67826	108.679	ug/l	# 82
17) Carbon Disulfide	4.110	76	145284	18.814	ug/l	96
18) Methyl Acetate	4.384	43	35206	24.043	ug/l	91
19) Methyl tert-butyl Ether	5.122	73	126378	21.649	ug/l	99
20) Methylene Chloride	4.622	84	53009	18.908	ug/l	87
21) trans-1,2-Dichloroethene	5.116	96	52596	20.099	ug/l	89
22) Diisopropyl ether	6.024	45	188203	21.663	ug/l	# 90
23) Vinyl Acetate	5.963	43	519707	106.299	ug/l	# 89
24) 1,1-Dichloroethane	5.915	63	103469	20.569	ug/l	96
25) 2-Butanone	6.902	43	92498	109.337	ug/l	# 82
26) 2,2-Dichloropropane	6.884	77	82340	19.673	ug/l	96
27) cis-1,2-Dichloroethene	6.896	96	61275	20.369	ug/l	83
28) Bromochloromethane	7.250	49	48402	20.548	ug/l	# 70
29) Tetrahydrofuran	7.268	42	56211	115.134	ug/l	# 82
30) Chloroform	7.420	83	105292	21.093	ug/l	97
31) Cyclohexane	7.701	56	91537	18.796	ug/l	89
32) 1,1,1-Trichloroethane	7.622	97	88796	20.374	ug/l	# 94
36) 1,1-Dichloropropene	7.841	75	75116	19.818	ug/l	93
37) Ethyl Acetate	6.987	43	40891	22.628	ug/l	95
38) Carbon Tetrachloride	7.823	117	75231	19.738	ug/l	99
39) Methylcyclohexane	9.109	83	90455	18.804	ug/l	88
40) Benzene	8.079	78	228245	20.631	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	24137	26.664	ug/l #	73
42) 1,2-Dichloroethane	8.158	62	65689	21.451	ug/l	94
43) Isopropyl Acetate	8.201	43	73152	21.051	ug/l #	76
44) Trichloroethene	8.865	130	50631	19.746	ug/l	90
45) 1,2-Dichloropropane	9.146	63	55903	21.120	ug/l	99
46) Dibromomethane	9.231	93	30109	20.993	ug/l	89
47) Bromodichloromethane	9.426	83	78690	20.944	ug/l	98
48) Methyl methacrylate	9.219	41	35069	21.787	ug/l #	80
49) 1,4-Dioxane	9.237	88	6749	457.067	ug/l #	87
51) 4-Methyl-2-Pentanone	9.999	43	203504	113.655	ug/l	88
52) Toluene	10.170	92	139554	20.464	ug/l	100
53) t-1,3-Dichloropropene	10.395	75	70386	21.214	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	83989	21.209	ug/l #	85
55) 1,1,2-Trichloroethane	10.572	97	38656	21.677	ug/l	97
56) Ethyl methacrylate	10.438	69	55354	21.640	ug/l #	75
57) 1,3-Dichloropropane	10.719	76	70814	21.685	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	138274	109.610	ug/l	92
59) 2-Hexanone	10.761	43	142323	110.871	ug/l	85
60) Dibromochloromethane	10.908	129	48749	21.446	ug/l	99
61) 1,2-Dibromoethane	11.017	107	36251	21.881	ug/l	97
64) Tetrachloroethene	10.645	164	45122	20.231	ug/l	93
65) Chlorobenzene	11.444	112	145044	20.152	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	48420	21.056	ug/l	99
67) Ethyl Benzene	11.517	91	266223	19.787	ug/l	99
68) m/p-Xylenes	11.627	106	195540	39.723	ug/l	91
69) o-Xylene	11.956	106	95201	20.427	ug/l	96
70) Styrene	11.968	104	159215	20.662	ug/l	94
71) Bromoform	12.133	173	25916	21.968	ug/l #	97
73) Isopropylbenzene	12.255	105	248230	19.338	ug/l	97
74) N-amyl acetate	12.072	43	66113	20.605	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	48185	21.464	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	33504m	22.244	ug/l	
77) Bromobenzene	12.529	156	53560	20.632	ug/l	85
78) n-propylbenzene	12.596	91	308964	19.340	ug/l	97
79) 2-Chlorotoluene	12.675	91	171794	19.373	ug/l	94
80) 1,3,5-Trimethylbenzene	12.736	105	204211	19.816	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.304	75	14561	20.794	ug/l #	82
82) 4-Chlorotoluene	12.779	91	179233	19.823	ug/l	95
83) tert-Butylbenzene	12.999	119	178642	19.825	ug/l	96
84) 1,2,4-Trimethylbenzene	13.041	105	201119	19.704	ug/l	96
85) sec-Butylbenzene	13.175	105	264321	19.107	ug/l	98
86) p-Isopropyltoluene	13.291	119	210799	18.989	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	105643	20.032	ug/l	96
88) 1,4-Dichlorobenzene	13.364	146	104047	19.812	ug/l	95
89) n-Butylbenzene	13.614	91	217115	19.511	ug/l	95
90) Hexachloroethane	13.883	117	43699	19.905	ug/l	85
91) 1,2-Dichlorobenzene	13.657	146	93277	20.349	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6873	20.188	ug/l	78
93) 1,2,4-Trichlorobenzene	14.919	180	47143	19.144	ug/l	96
94) Hexachlorobutadiene	15.023	225	24419	18.135	ug/l	97
95) Naphthalene	15.145	128	92259	20.043	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	39858	19.068	ug/l	97

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

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