

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020153.D
 Acq On : 04 Nov 2024 19:16
 Operator : SY/MD
 Sample : VY1104SBSD02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBSD02

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2024
 Supervised By :Mahesh Dadoda 11/05/2024

Quant Time: Nov 05 00:37:24 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	190371	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	361447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	320216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	149377	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.061	65	143114	60.234	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.460%	
35) Dibromofluoromethane	7.634	113	128298	55.829	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.660%	
50) Toluene-d8	10.109	98	497822	54.422	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.840%	
62) 4-Bromofluorobenzene	12.408	95	167188	56.270	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 112.540%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.867	85	37177	21.097	ug/l	98
3) Chloromethane	2.068	50	68373	23.424	ug/l	99
4) Vinyl Chloride	2.208	62	70595	22.528	ug/l	99
5) Bromomethane	2.592	94	48170	23.153	ug/l	97
6) Chloroethane	2.739	64	48548	24.006	ug/l	98
7) Trichlorofluoromethane	3.062	101	86408	22.572	ug/l	89
8) Diethyl Ether	3.458	74	26873	25.169	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.818	101	47846	22.284	ug/l	91
10) Methyl Iodide	4.007	142	46804	22.578	ug/l #	89
11) Tert butyl alcohol	4.866	59	22300	130.483	ug/l #	94
12) 1,1-Dichloroethene	3.793	96	44420	21.622	ug/l #	79
13) Acrolein	3.653	56	18685	87.827	ug/l	99
14) Allyl chloride	4.391	41	84241	22.728	ug/l #	89
15) Acrylonitrile	5.061	53	60965	125.440	ug/l	97
16) Acetone	3.873	43	53911	97.569	ug/l #	85
17) Carbon Disulfide	4.110	76	151111	22.103	ug/l	100
18) Methyl Acetate	4.391	43	35002	26.999	ug/l #	85
19) Methyl tert-butyl Ether	5.122	73	125145	24.214	ug/l	97
20) Methylene Chloride	4.616	84	53505	21.556	ug/l #	81
21) trans-1,2-Dichloroethene	5.116	96	52989	22.871	ug/l	87
22) Diisopropyl ether	6.019	45	188192	24.467	ug/l #	87
23) Vinyl Acetate	5.964	43	491985	113.660	ug/l #	90
24) 1,1-Dichloroethane	5.921	63	104641	23.495	ug/l	97
25) 2-Butanone	6.903	43	85834	114.600	ug/l #	86
26) 2,2-Dichloropropane	6.884	77	74355	20.066	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	62049	23.298	ug/l	83
28) Bromochloromethane	7.250	49	48198	23.112	ug/l #	71
29) Tetrahydrofuran	7.268	42	54719	126.593	ug/l #	80
30) Chloroform	7.421	83	107437	24.310	ug/l	96
31) Cyclohexane	7.701	56	91160	21.143	ug/l	92
32) 1,1,1-Trichloroethane	7.616	97	88493	22.934	ug/l #	93
36) 1,1-Dichloropropene	7.835	75	74055	20.861	ug/l	93
37) Ethyl Acetate	6.988	43	38338	22.652	ug/l	96
38) Carbon Tetrachloride	7.823	117	73407	20.563	ug/l	99
39) Methylcyclohexane	9.110	83	90756	20.143	ug/l #	88
40) Benzene	8.079	78	231827	22.373	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	20053	23.652	ug/l #	89
42) 1,2-Dichloroethane	8.159	62	65878	22.969	ug/l	95
43) Isopropyl Acetate	8.201	43	75387	23.163	ug/l #	74
44) Trichloroethene	8.866	130	51205	21.322	ug/l	91
45) 1,2-Dichloropropane	9.140	63	57670	23.263	ug/l	98
46) Dibromomethane	9.238	93	31475	23.431	ug/l	88
47) Bromodichloromethane	9.427	83	81463	23.149	ug/l #	99
48) Methyl methacrylate	9.219	41	33348	22.121	ug/l #	80
49) 1,4-Dioxane	9.231	88	6451	466.459	ug/l #	84
51) 4-Methyl-2-Pentanone	10.000	43	198519	118.376	ug/l	88
52) Toluene	10.170	92	142098	22.247	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	66771	21.487	ug/l	95
54) cis-1,3-Dichloropropene	9.859	75	81772	22.047	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	40738	24.391	ug/l	97
56) Ethyl methacrylate	10.439	69	54287	22.659	ug/l #	74
57) 1,3-Dichloropropane	10.719	76	71740	23.456	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	135112	114.354	ug/l	91
59) 2-Hexanone	10.762	43	132777	110.436	ug/l	86
60) Dibromochloromethane	10.908	129	48684	22.867	ug/l	98
61) 1,2-Dibromoethane	11.012	107	36080	23.252	ug/l	98
64) Tetrachloroethene	10.646	164	47774	22.596	ug/l	95
65) Chlorobenzene	11.444	112	149962	21.979	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	48055	22.044	ug/l	99
67) Ethyl Benzene	11.518	91	268708	21.068	ug/l	99
68) m/p-Xylenes	11.627	106	195576	41.911	ug/l	89
69) o-Xylene	11.957	106	93111	21.075	ug/l	90
70) Styrene	11.969	104	158254	21.664	ug/l	95
71) Bromoform	12.133	173	25137	22.477	ug/l #	97
73) Isopropylbenzene	12.255	105	249059	20.871	ug/l	97
74) N-ethyl acetate	12.072	43	62863	21.074	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	47097	22.567	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	32496m	23.207	ug/l	
77) Bromobenzene	12.530	156	51704	21.424	ug/l	80
78) n-propylbenzene	12.597	91	311146	20.951	ug/l	95
79) 2-Chlorotoluene	12.682	91	172679	20.947	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	198421	20.712	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	14011	21.523	ug/l #	82
82) 4-Chlorotoluene	12.780	91	179991	21.414	ug/l	96
83) tert-Butylbenzene	12.999	119	178622	21.322	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	199243	20.997	ug/l	97
85) sec-Butylbenzene	13.176	105	265652	20.657	ug/l	97
86) p-Isopropyltoluene	13.292	119	211057	20.451	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	105525	21.524	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	105512	21.611	ug/l	95
89) n-Butylbenzene	13.615	91	206477	19.959	ug/l	97
90) Hexachloroethane	13.883	117	42645	20.895	ug/l	83
91) 1,2-Dichlorobenzene	13.658	146	92991	21.821	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7188	22.711	ug/l	70
93) 1,2,4-Trichlorobenzene	14.919	180	44551	19.461	ug/l	97
94) Hexachlorobutadiene	15.023	225	24258	19.378	ug/l	98
95) Naphthalene	15.145	128	85667	20.019	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	38007	19.558	ug/l	98

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

