

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018957.D
 Acq On : 09 Aug 2024 10:57
 Operator : SY/MD
 Sample : VY0809SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0809SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024

Quant Time: Aug 09 23:24:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	67834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	105793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	89535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	45140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	28893	48.513	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.020%		
35) Dibromofluoromethane	7.622	113	31965	47.307	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.620%		
50) Toluene-d8	10.103	98	123596	47.622	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.240%		
62) 4-Bromofluorobenzene	12.408	95	35137	45.633	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	91.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	9423	20.210	ug/l	99
3) Chloromethane	2.068	50	24541	20.273	ug/l	99
4) Vinyl Chloride	2.196	62	31985	20.470	ug/l	98
5) Bromomethane	2.586	94	28618	22.956	ug/l	98
6) Chloroethane	2.726	64	22279	21.203	ug/l	96
7) Trichlorofluoromethane	3.037	101	42963	20.631	ug/l	93
8) Diethyl Ether	3.446	74	6098	18.996	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.799	101	13203	20.293	ug/l	93
10) Methyl Iodide	3.994	142	13435	19.124	ug/l	95
11) Tert butyl alcohol	4.842	59	5780	75.800	ug/l	100
12) 1,1-Dichloroethene	3.775	96	11943	19.431	ug/l #	86
13) Acrolein	3.641	56	6027	93.767	ug/l	97
14) Allyl chloride	4.372	41	16010	19.476	ug/l	86
15) Acrylonitrile	5.037	53	12174	96.735	ug/l	96
16) Acetone	3.860	43	10997	81.346	ug/l #	82
17) Carbon Disulfide	4.092	76	34295	18.770	ug/l	98
18) Methyl Acetate	4.379	43	6477	19.567	ug/l	93
19) Methyl tert-butyl Ether	5.104	73	27379	18.110	ug/l	98
20) Methylene Chloride	4.610	84	14466	16.921	ug/l	93
21) trans-1,2-Dichloroethene	5.104	96	13414	19.725	ug/l	89
22) Diisopropyl ether	6.012	45	34292	19.136	ug/l	92
23) Vinyl Acetate	5.945	43	142653	92.238	ug/l	98
24) 1,1-Dichloroethane	5.903	63	22009	20.020	ug/l	98
25) 2-Butanone	6.878	43	16328	84.673	ug/l	94
26) 2,2-Dichloropropane	6.872	77	18087	17.480	ug/l	96
27) cis-1,2-Dichloroethene	6.878	96	15271	18.768	ug/l	98
28) Bromochloromethane	7.238	49	10180	20.113	ug/l	93
29) Tetrahydrofuran	7.250	42	10779	94.797	ug/l	87
30) Chloroform	7.409	83	23197	19.725	ug/l	93
31) Cyclohexane	7.695	56	19302	18.331	ug/l	93
32) 1,1,1-Trichloroethane	7.610	97	21040	19.793	ug/l	96
36) 1,1-Dichloropropene	7.823	75	16879	18.609	ug/l	97
37) Ethyl Acetate	6.970	43	7822	18.868	ug/l #	92
38) Carbon Tetrachloride	7.811	117	18877	18.152	ug/l	99
39) Methylcyclohexane	9.103	83	21481	17.595	ug/l	95
40) Benzene	8.067	78	49785	18.461	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	4015m	20.507	ug/l	
42) 1,2-Dichloroethane	8.152	62	12999	19.362	ug/l	96
43) Isopropyl Acetate	8.189	43	14636	17.359	ug/l #	80
44) Trichloroethene	8.859	130	14663	19.075	ug/l	84
45) 1,2-Dichloropropane	9.134	63	11478	19.021	ug/l	92
46) Dibromomethane	9.219	93	8027	20.587	ug/l	90
47) Bromodichloromethane	9.420	83	17577	19.264	ug/l	93
48) Methyl methacrylate	9.219	41	6446	17.501	ug/l #	76
49) 1,4-Dioxane	9.219	88	1685	365.794	ug/l #	79
51) 4-Methyl-2-Pentanone	9.993	43	38624	88.827	ug/l	87
52) Toluene	10.164	92	32633	18.217	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	14613	17.960	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	17476	18.082	ug/l #	89
55) 1,1,2-Trichloroethane	10.573	97	9589	20.027	ug/l	92
56) Ethyl methacrylate	10.438	69	11174	17.236	ug/l #	72
57) 1,3-Dichloropropane	10.713	76	14051	17.823	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.707	63	29951	89.613	ug/l	95
59) 2-Hexanone	10.755	43	25660	82.267	ug/l	86
60) Dibromochloromethane	10.908	129	11492	17.902	ug/l	97
61) 1,2-Dibromoethane	11.012	107	8701	18.820	ug/l	99
64) Tetrachloroethene	10.646	164	15054	20.057	ug/l	87
65) Chlorobenzene	11.438	112	37901	19.280	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	12346	17.955	ug/l	99
67) Ethyl Benzene	11.518	91	62210	18.278	ug/l	98
68) m/p-Xylenes	11.627	106	49478	35.452	ug/l	98
69) o-Xylene	11.956	106	22898	17.777	ug/l	99
70) Styrene	11.969	104	39016	18.390	ug/l	98
71) Bromoform	12.133	173	6339	17.728	ug/l #	97
73) Isopropylbenzene	12.255	105	59515	18.164	ug/l	96
74) N-amyl acetate	12.072	43	13873	18.348	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.505	83	9457	17.885	ug/l	95
76) 1,2,3-Trichloropropane	12.554	75	6527m	19.409	ug/l	
77) Bromobenzene	12.536	156	14550	19.062	ug/l	88
78) n-propylbenzene	12.597	91	72069	18.583	ug/l	96
79) 2-Chlorotoluene	12.682	91	36781	18.320	ug/l	91
80) 1,3,5-Trimethylbenzene	12.737	105	47840	18.631	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	2579	15.803	ug/l #	80
82) 4-Chlorotoluene	12.780	91	38367	18.665	ug/l	96
83) tert-Butylbenzene	12.999	119	45500	18.760	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	47346	18.176	ug/l	97
85) sec-Butylbenzene	13.176	105	65679	18.696	ug/l	100
86) p-Isopropyltoluene	13.292	119	55352	18.196	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	28867	18.514	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	28072	18.461	ug/l	97
89) n-Butylbenzene	13.615	91	46889	17.560	ug/l	97
90) Hexachloroethane	13.877	117	10462	18.226	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	24185	18.866	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	1138	15.645	ug/l	88
93) 1,2,4-Trichlorobenzene	14.919	180	12947	18.341	ug/l	93
94) Hexachlorobutadiene	15.023	225	7689	19.861	ug/l	99
95) Naphthalene	15.145	128	22799	18.143	ug/l	97
96) 1,2,3-Trichlorobenzene	15.334	180	11072	18.274	ug/l	97

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

