

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030724\
 Data File : VY017602.D
 Acq On : 07 Mar 2024 12:37
 Operator : SY/MD
 Sample : VY0307SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0307SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/08/2024
 Supervised By :Semsettin Yesilyurt 03/08/2024

Quant Time: Mar 08 03:25:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	133660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	204824	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	183158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	89448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	70199	55.417	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.840%			
35) Dibromofluoromethane	7.722	113	80715	56.552	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.100%			
50) Toluene-d8	10.185	98	301852	60.488	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 120.980%			
62) 4-Bromofluorobenzene	12.489	95	92582	59.033	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 118.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	19514	19.792	ug/l	98
3) Chloromethane	2.113	50	32616	18.105	ug/l	99
4) Vinyl Chloride	2.247	62	44679	19.332	ug/l	99
5) Bromomethane	2.643	94	38031	20.193	ug/l	97
6) Chloroethane	2.789	64	29348	20.130	ug/l	98
7) Trichlorofluoromethane	3.125	101	48118	20.428	ug/l	99
8) Diethyl Ether	3.533	74	14280	20.670	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.899	101	28678	21.167	ug/l	99
10) Methyl Iodide	4.094	142	26870	17.672	ug/l	98
11) Tert butyl alcohol	4.960	59	12776	118.735	ug/l	99
12) 1,1-Dichloroethene	3.869	96	24898	19.719	ug/l	97
13) Acrolein	3.728	56	14531	102.348	ug/l	100
14) Allyl chloride	4.484	41	30180	19.782	ug/l	97
15) Acrylonitrile	5.167	53	31124	109.594	ug/l	99
16) Acetone	3.954	43	28808	117.251	ug/l	97
17) Carbon Disulfide	4.198	76	57730	15.233	ug/l	97
18) Methyl Acetate	4.478	43	12739	21.371	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	60398	20.523	ug/l	99
20) Methylene Chloride	4.722	84	43089	27.371	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	29265	19.795	ug/l	94
22) Diisopropyl ether	6.124	45	77346	21.970	ug/l	99
23) Vinyl Acetate	6.063	43	221734	105.695	ug/l	100
24) 1,1-Dichloroethane	6.021	63	51181	21.280	ug/l	98
25) 2-Butanone	6.990	43	40493	115.646	ug/l	98
26) 2,2-Dichloropropane	6.984	77	43368	21.446	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	34363	20.702	ug/l	99
28) Bromochloromethane	7.337	49	20062	21.179	ug/l	97
29) Tetrahydrofuran	7.356	42	22554	106.855	ug/l	98
30) Chloroform	7.514	83	55817	21.797	ug/l	99
31) Cyclohexane	7.795	56	38418	18.636	ug/l	96
32) 1,1,1-Trichloroethane	7.709	97	47701	21.456	ug/l	99
36) 1,1-Dichloropropene	7.923	75	38777	20.136	ug/l	99
37) Ethyl Acetate	7.081	43	17009	22.363	ug/l	98
38) Carbon Tetrachloride	7.904	117	42302	21.918	ug/l	98
39) Methylcyclohexane	9.191	83	42113	18.197	ug/l	96
40) Benzene	8.167	78	118999	20.808	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	7482	19.603	ug/l #	85
42) 1,2-Dichloroethane	8.240	62	30228	21.664	ug/l	99
43) Isopropyl Acetate	8.276	43	29092	21.767	ug/l	98
44) Trichloroethene	8.947	130	34645	21.018	ug/l	96
45) 1,2-Dichloropropane	9.221	63	29470	21.660	ug/l	98
46) Dibromomethane	9.313	93	17036	21.878	ug/l	96
47) Bromodichloromethane	9.502	83	42533	22.496	ug/l	97
48) Methyl methacrylate	9.301	41	12694	20.519	ug/l	92
49) 1,4-Dioxane	9.307	88	3801	431.325	ug/l #	97
51) 4-Methyl-2-Pentanone	10.075	43	82639	110.940	ug/l	99
52) Toluene	10.252	92	76805	21.304	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	38404	21.884	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	45791	21.475	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	24594	22.245	ug/l	98
56) Ethyl methacrylate	10.514	69	26715	21.182	ug/l	99
57) 1,3-Dichloropropane	10.794	76	39172	21.792	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	67403	105.652	ug/l	98
59) 2-Hexanone	10.837	43	60614	118.467	ug/l	100
60) Dibromochloromethane	10.989	129	29557	22.599	ug/l	99
61) 1,2-Dibromoethane	11.099	107	22432	22.017	ug/l	99
64) Tetrachloroethene	10.727	164	34513	19.632	ug/l	99
65) Chlorobenzene	11.526	112	83878	21.575	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	31069	21.332	ug/l	99
67) Ethyl Benzene	11.599	91	141685	20.781	ug/l	100
68) m/p-Xylenes	11.709	106	110926	41.405	ug/l	100
69) o-Xylene	12.038	106	52056	20.944	ug/l	98
70) Styrene	12.050	104	86331	20.926	ug/l	98
71) Bromoform	12.215	173	18078	22.399	ug/l #	99
73) Isopropylbenzene	12.337	105	137406	20.677	ug/l	100
74) N-amyl acetate	12.148	43	25422	21.690	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	26759	23.449	ug/l	97
76) 1,2,3-Trichloropropane	12.641	75	19816m	23.316	ug/l	
77) Bromobenzene	12.617	156	33686	20.932	ug/l	99
78) n-propylbenzene	12.678	91	169830	21.298	ug/l	99
79) 2-Chlorotoluene	12.763	91	94281	21.119	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	113181	21.258	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.385	75	8127	21.972	ug/l	99
82) 4-Chlorotoluene	12.861	91	97123	21.270	ug/l	98
83) tert-Butylbenzene	13.080	119	97859	20.932	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	110310	20.987	ug/l	99
85) sec-Butylbenzene	13.257	105	151431	21.186	ug/l	100
86) p-Isopropyltoluene	13.379	119	123203	21.056	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	66514	20.591	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	67147	21.381	ug/l	99
89) n-Butylbenzene	13.702	91	113121	21.190	ug/l	99
90) Hexachloroethane	13.964	117	25804	21.997	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	59194	21.664	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3713	23.144	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	32154	22.279	ug/l	99
94) Hexachlorobutadiene	15.117	225	19763	22.179	ug/l	96
95) Naphthalene	15.245	128	53198	21.448	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	27797	22.451	ug/l	100

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

