

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030524\
 Data File : VY017565.D
 Acq On : 05 Mar 2024 12:30
 Operator : SY/MD
 Sample : VY0305SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0305SBS01

Quant Time: Mar 05 22:02:10 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/06/2024
 Supervised By :Semsettin Yesilyurt 03/06/2024

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	135196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	208326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	183393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	67946	53.029	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.060%			
35) Dibromofluoromethane	7.722	113	79496	54.761	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.520%			
50) Toluene-d8	10.185	98	296926	58.501	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 117.000%			
62) 4-Bromofluorobenzene	12.483	95	89532	56.128	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 112.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	20111	20.166	ug/l	100
3) Chloromethane	2.113	50	33585	18.431	ug/l	100
4) Vinyl Chloride	2.247	62	44785	19.158	ug/l	98
5) Bromomethane	2.643	94	36856	19.347	ug/l	94
6) Chloroethane	2.790	64	29161	19.774	ug/l	98
7) Trichlorofluoromethane	3.119	101	48209	20.234	ug/l	98
8) Diethyl Ether	3.527	74	13995	20.028	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.899	101	29019	21.175	ug/l	98
10) Methyl Iodide	4.094	142	28831	18.746	ug/l	98
11) Tert butyl alcohol	4.960	59	10261	94.278	ug/l	98
12) 1,1-Dichloroethene	3.875	96	25304	19.813	ug/l	94
13) Acrolein	3.729	56	15275	106.366	ug/l	99
14) Allyl chloride	4.479	41	30848	19.990	ug/l	97
15) Acrylonitrile	5.161	53	29103	101.313	ug/l	100
16) Acetone	3.948	43	28317	113.943	ug/l	97
17) Carbon Disulfide	4.198	76	63606	16.592	ug/l	98
18) Methyl Acetate	4.485	43	11691	19.390	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	60590	20.354	ug/l	97
20) Methylene Chloride	4.722	84	44846	28.341	ug/l	94
21) trans-1,2-Dichloroethene	5.222	96	29267	19.572	ug/l	92
22) Diisopropyl ether	6.125	45	76271	21.419	ug/l	95
23) Vinyl Acetate	6.070	43	217138	102.329	ug/l	100
24) 1,1-Dichloroethane	6.021	63	51488	21.164	ug/l	99
25) 2-Butanone	6.990	43	39101	110.401	ug/l	97
26) 2,2-Dichloropropane	6.984	77	43496	21.265	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	33729	20.089	ug/l	100
28) Bromochloromethane	7.338	49	20779	21.687	ug/l	98
29) Tetrahydrofuran	7.356	42	21237	99.472	ug/l	100
30) Chloroform	7.515	83	55990	21.617	ug/l	96
31) Cyclohexane	7.789	56	39105	18.754	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	46865	20.841	ug/l	98
36) 1,1-Dichloropropene	7.923	75	40307	20.579	ug/l	98
37) Ethyl Acetate	7.082	43	15802	20.427	ug/l #	98
38) Carbon Tetrachloride	7.905	117	41435	21.108	ug/l	97
39) Methylcyclohexane	9.191	83	44850	19.054	ug/l	97
40) Benzene	8.167	78	120540	20.723	ug/l	99

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41) Methacrylonitrile	7.313	41	7570	19.500	ug/l	92
42) 1,2-Dichloroethane	8.240	62	29752	20.964	ug/l	100
43) Isopropyl Acetate	8.283	43	28275	20.800	ug/l	99
44) Trichloroethene	8.947	130	34369	20.500	ug/l	99
45) 1,2-Dichloropropane	9.222	63	29585	21.379	ug/l	99
46) Dibromomethane	9.307	93	16447	20.767	ug/l	96
47) Bromodichloromethane	9.502	83	41505	21.583	ug/l	100
48) Methyl methacrylate	9.301	41	13069	20.770	ug/l	97
49) 1,4-Dioxane	9.307	88	3729	416.042	ug/l #	99
51) 4-Methyl-2-Pentanone	10.075	43	79432	104.842	ug/l	99
52) Toluene	10.246	92	77418	21.113	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	37369	20.936	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	45490	20.975	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	24195	21.517	ug/l	96
56) Ethyl methacrylate	10.514	69	25150	19.795	ug/l	98
57) 1,3-Dichloropropane	10.794	76	38344	20.973	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	75540	116.416	ug/l	99
59) 2-Hexanone	10.837	43	57648	110.776	ug/l	99
60) Dibromochloromethane	10.990	129	28226	21.218	ug/l	97
61) 1,2-Dibromoethane	11.093	107	21687	20.928	ug/l	100
64) Tetrachloroethene	10.727	164	34356	19.518	ug/l	96
65) Chlorobenzene	11.520	112	82575	21.213	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	30811	21.128	ug/l	99
67) Ethyl Benzene	11.599	91	139778	20.475	ug/l	97
68) m/p-Xylenes	11.703	106	111491	41.562	ug/l	99
69) o-Xylene	12.032	106	51186	20.568	ug/l	98
70) Styrene	12.050	104	86084	20.839	ug/l	97
71) Bromoform	12.209	173	17133	21.201	ug/l #	98
73) Isopropylbenzene	12.331	105	136390	20.910	ug/l	100
74) N-amyl acetate	12.148	43	25062	21.785	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	24531	21.901	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	16602m	19.902	ug/l	
77) Bromobenzene	12.611	156	32674	20.685	ug/l	95
78) n-propylbenzene	12.672	91	167609	21.416	ug/l	100
79) 2-Chlorotoluene	12.758	91	91154	20.803	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	109302	20.916	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	7678	21.149	ug/l	98
82) 4-Chlorotoluene	12.855	91	91759	20.474	ug/l	97
83) tert-Butylbenzene	13.081	119	98475	21.460	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	107784	20.892	ug/l	100
85) sec-Butylbenzene	13.257	105	148650	21.188	ug/l	100
86) p-Isopropyltoluene	13.373	119	118943	20.711	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	64327	20.289	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	63850	20.714	ug/l	100
89) n-Butylbenzene	13.696	91	109237	20.847	ug/l	100
90) Hexachloroethane	13.965	117	24761	21.505	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	56652	21.124	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3419	21.713	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	29814	21.047	ug/l	99
94) Hexachlorobutadiene	15.117	225	18768	21.459	ug/l	98
95) Naphthalene	15.239	128	46735	19.608	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	25264	20.790	ug/l	97

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

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