

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019021.D
 Acq On : 13 Aug 2024 11:42
 Operator : SY/MD
 Sample : VY0813SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0813SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/14/2024
 Supervised By :Mahesh Dadoda 08/14/2024

Quant Time: Aug 14 01:34:11 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	7.701	168	53245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	80194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	69862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	36535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	23292	49.824	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.640%		
35) Dibromofluoromethane	7.628	113	25892	50.552	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.100%		
50) Toluene-d8	10.103	98	99168	50.407	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.820%		
62) 4-Bromofluorobenzene	12.408	95	27360	46.876	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	7741	21.151	ug/l	95
3) Chloromethane	2.068	50	17904	18.665	ug/l	98
4) Vinyl Chloride	2.202	62	24927	20.324	ug/l	98
5) Bromomethane	2.586	94	21891	22.371	ug/l	97
6) Chloroethane	2.726	64	17351	21.038	ug/l	95
7) Trichlorofluoromethane	3.043	101	34842	21.315	ug/l	97
8) Diethyl Ether	3.446	74	5389	21.387	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	11217	21.965	ug/l	91
10) Methyl Iodide	3.988	142	10842	19.661	ug/l	99
11) Tert butyl alcohol	4.854	59	3996	59.085	ug/l #	94
12) 1,1-Dichloroethene	3.775	96	9899	20.518	ug/l	95
13) Acrolein	3.647	56	4806	95.305	ug/l	98
14) Allyl chloride	4.372	41	12651	19.606	ug/l #	83
15) Acrylonitrile	5.043	53	10402	105.302	ug/l	100
16) Acetone	3.860	43	9725	90.217	ug/l #	82
17) Carbon Disulfide	4.098	76	27018	18.839	ug/l	98
18) Methyl Acetate	4.372	43	5252	20.213	ug/l	95
19) Methyl tert-butyl Ether	5.110	73	22496	18.958	ug/l #	91
20) Methylene Chloride	4.610	84	11025	16.243	ug/l #	93
21) trans-1,2-Dichloroethene	5.104	96	10990	20.588	ug/l	87
22) Diisopropyl ether	6.012	45	28221	20.063	ug/l #	80
23) Vinyl Acetate	5.945	43	118618	97.712	ug/l	99
24) 1,1-Dichloroethane	5.909	63	17740	20.558	ug/l	98
25) 2-Butanone	6.878	43	14472	95.611	ug/l #	85
26) 2,2-Dichloropropane	6.866	77	14353	17.672	ug/l	97
27) cis-1,2-Dichloroethene	6.878	96	12200	19.102	ug/l	94
28) Bromochloromethane	7.238	49	8575	21.584	ug/l	95
29) Tetrahydrofuran	7.250	42	8838	99.023	ug/l	90
30) Chloroform	7.408	83	19479	21.102	ug/l	96
31) Cyclohexane	7.689	56	15622	19.028	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	17475	20.943	ug/l	95
36) 1,1-Dichloropropene	7.829	75	13330	19.388	ug/l	98
37) Ethyl Acetate	6.976	43	5558	17.686	ug/l #	95
38) Carbon Tetrachloride	7.811	117	16980	21.540	ug/l	97
39) Methylcyclohexane	9.103	83	17949	19.395	ug/l	98
40) Benzene	8.067	78	43306	21.185	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	2870	19.209	ug/l #	69
42) 1,2-Dichloroethane	8.152	62	11398	22.397	ug/l	99
43) Isopropyl Acetate	8.189	43	13382	20.939	ug/l #	76
44) Trichloroethene	8.859	130	12487	21.430	ug/l	94
45) 1,2-Dichloropropane	9.134	63	9364	20.472	ug/l	97
46) Dibromomethane	9.225	93	6593	22.307	ug/l	98
47) Bromodichloromethane	9.414	83	14656	21.190	ug/l	98
48) Methyl methacrylate	9.219	41	5216	18.682	ug/l #	73
49) 1,4-Dioxane	9.219	88	1517	434.447	ug/l #	81
51) 4-Methyl-2-Pentanone	9.999	43	35336	107.207	ug/l #	84
52) Toluene	10.170	92	27183	20.018	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	11357	18.413	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	15009	20.486	ug/l #	81
55) 1,1,2-Trichloroethane	10.572	97	7486	20.625	ug/l #	89
56) Ethyl methacrylate	10.438	69	9631	19.598	ug/l #	72
57) 1,3-Dichloropropane	10.719	76	12040	20.147	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.707	63	23914	94.390	ug/l	98
59) 2-Hexanone	10.761	43	23178	98.030	ug/l	87
60) Dibromochloromethane	10.908	129	10413	21.399	ug/l	95
61) 1,2-Dibromoethane	11.011	107	7413	21.152	ug/l	98
64) Tetrachloroethene	10.646	164	12018	20.521	ug/l	95
65) Chlorobenzene	11.444	112	31707	20.671	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.517	131	10621	19.796	ug/l	94
67) Ethyl Benzene	11.517	91	50810	19.132	ug/l	89
68) m/p-Xylenes	11.627	106	43524	39.967	ug/l	89
69) o-Xylene	11.956	106	19561	19.462	ug/l	93
70) Styrene	11.969	104	35007	21.147	ug/l	94
71) Bromoform	12.133	173	5666	20.308	ug/l #	99
73) Isopropylbenzene	12.255	105	49326	18.600	ug/l	96
74) N-amyl acetate	12.072	43	11653	19.042	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.505	83	8421	19.676	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	6326m	23.242	ug/l	
77) Bromobenzene	12.536	156	12747	20.633	ug/l	87
78) n-propylbenzene	12.597	91	58754	18.718	ug/l	97
79) 2-Chlorotoluene	12.682	91	31401	19.324	ug/l	91
80) 1,3,5-Trimethylbenzene	12.737	105	39591	19.050	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	2163	16.375	ug/l #	80
82) 4-Chlorotoluene	12.779	91	32004	19.237	ug/l	89
83) tert-Butylbenzene	12.999	119	37055	18.877	ug/l	94
84) 1,2,4-Trimethylbenzene	13.048	105	39513	18.742	ug/l	98
85) sec-Butylbenzene	13.176	105	56996	20.045	ug/l	99
86) p-Isopropyltoluene	13.291	119	45886	18.637	ug/l	98
87) 1,3-Dichlorobenzene	13.291	146	25516	20.219	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	25100	20.394	ug/l	97
89) n-Butylbenzene	13.621	91	41190	19.059	ug/l	96
90) Hexachloroethane	13.883	117	9211	19.827	ug/l	93
91) 1,2-Dichlorobenzene	13.663	146	21050	20.287	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	1018	17.292	ug/l	88
93) 1,2,4-Trichlorobenzene	14.925	180	12804	22.411	ug/l	94
94) Hexachlorobutadiene	15.023	225	6607	21.086	ug/l	98
95) Naphthalene	15.151	128	20192	19.853	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	10894	22.215	ug/l	94

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

