

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
 Data File : VY017068.D
 Acq On : 22 Jan 2024 11:42
 Operator : SY/MD
 Sample : VY0122SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0122SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/23/2024
 Supervised By :Semsettin Yesilyurt 01/23/2024

Quant Time: Jan 23 01:43:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	144561	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	239532	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	202120	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	84702	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	57791	40.448	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery =	80.900%		
35) Dibromofluoromethane	7.752	113	67850	44.451	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.900%		
50) Toluene-d8	10.203	98	227294	43.244	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	86.480%		
62) 4-Bromofluorobenzene	12.501	95	77044	43.445	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery =	86.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	19754	16.103	ug/l	97
3) Chloromethane	2.131	50	25894	15.248	ug/l	96
4) Vinyl Chloride	2.272	62	33412	16.680	ug/l	98
5) Bromomethane	2.668	94	24351	16.969	ug/l	95
6) Chloroethane	2.814	64	23336	17.222	ug/l	100
7) Trichlorofluoromethane	3.149	101	46557	18.864	ug/l	100
8) Diethyl Ether	3.558	74	13529	17.152	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.930	101	31059	19.354	ug/l	99
10) Methyl Iodide	4.131	142	22867	16.749	ug/l	99
11) Tert butyl alcohol	4.991	59	11713	91.660	ug/l #	94
12) 1,1-Dichloroethene	3.905	96	24274	17.630	ug/l	97
13) Acrolein	3.759	56	12945	77.659	ug/l	99
14) Allyl chloride	4.521	41	38496	17.685	ug/l	98
15) Acrylonitrile	5.204	53	33065	89.623	ug/l	100
16) Acetone	3.979	43	41601	104.044	ug/l	90
17) Carbon Disulfide	4.235	76	42322	12.864	ug/l	99
18) Methyl Acetate	4.515	43	23582	15.405	ug/l	99
19) Methyl tert-butyl Ether	5.259	73	65969	18.416	ug/l	99
20) Methylene Chloride	4.759	84	34032	12.778	ug/l	99
21) trans-1,2-Dichloroethene	5.259	96	27769	17.609	ug/l	98
22) Diisopropyl ether	6.155	45	96838	19.243	ug/l	96
23) Vinyl Acetate	6.100	43	214687	93.041	ug/l	99
24) 1,1-Dichloroethane	6.057	63	58565	19.366	ug/l	98
25) 2-Butanone	7.021	43	49562	95.661	ug/l	96
26) 2,2-Dichloropropane	7.021	77	52095	19.868	ug/l	98
27) cis-1,2-Dichloroethene	7.021	96	35644	19.282	ug/l	99
28) Bromochloromethane	7.368	49	18275	16.097	ug/l	96
29) Tetrahydrofuran	7.380	42	23973	82.900	ug/l	99
30) Chloroform	7.539	83	60597	19.445	ug/l	95
31) Cyclohexane	7.819	56	42125	17.178	ug/l	95
32) 1,1,1-Trichloroethane	7.740	97	52611	19.910	ug/l	99
36) 1,1-Dichloropropene	7.953	75	40904	18.388	ug/l	99
37) Ethyl Acetate	7.112	43	18194	17.998	ug/l	98
38) Carbon Tetrachloride	7.935	117	45177	19.989	ug/l	96
39) Methylcyclohexane	9.215	83	43908	17.558	ug/l	97
40) Benzene	8.191	78	125224	18.766	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	9613m	18.056	ug/l	
42) 1,2-Dichloroethane	8.270	62	32850	18.543	ug/l	100
43) Isopropyl Acetate	8.301	43	33783	17.451	ug/l	99
44) Trichloroethene	8.972	130	32597	19.197	ug/l	93
45) 1,2-Dichloropropane	9.246	63	33436	19.449	ug/l	95
46) Dibromomethane	9.337	93	16238	18.520	ug/l	98
47) Bromodichloromethane	9.526	83	46042	19.556	ug/l	99
48) Methyl methacrylate	9.319	41	17252	16.513	ug/l	91
49) 1,4-Dioxane	9.325	88	3225	355.248	ug/l	98
51) 4-Methyl-2-Pentanone	10.093	43	90029	87.447	ug/l	100
52) Toluene	10.270	92	78689	19.539	ug/l	100
53) t-1,3-Dichloropropene	10.490	75	38976	18.482	ug/l	98
54) cis-1,3-Dichloropropene	9.953	75	48383	19.104	ug/l	97
55) 1,1,2-Trichloroethane	10.672	97	24708	19.290	ug/l	97
56) Ethyl methacrylate	10.532	69	18890	17.412	ug/l	98
57) 1,3-Dichloropropane	10.813	76	39610	18.522	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.807	63	35043	65.188	ug/l	100
59) 2-Hexanone	10.855	43	68150	89.900	ug/l	100
60) Dibromochloromethane	11.008	129	29124	19.717	ug/l	97
61) 1,2-Dibromoethane	11.118	107	20712	18.611	ug/l	95
64) Tetrachloroethene	10.746	164	25970	19.819	ug/l	98
65) Chlorobenzene	11.538	112	84598	20.092	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.611	131	33294	20.801	ug/l	99
67) Ethyl Benzene	11.617	91	151631	20.003	ug/l	99
68) m/p-Xylenes	11.727	106	111628	40.118	ug/l	100
69) o-Xylene	12.050	106	51674	19.810	ug/l	99
70) Styrene	12.069	104	77201	20.335	ug/l	99
71) Bromoform	12.233	173	15215	19.309	ug/l #	95
73) Isopropylbenzene	12.349	105	147122	21.270	ug/l	99
74) N-amyl acetate	12.166	43	25971	18.688	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	26958	19.128	ug/l	97
76) 1,2,3-Trichloropropane	12.654	75	17140m	18.647	ug/l	
77) Bromobenzene	12.629	156	30319	19.909	ug/l	98
78) n-propylbenzene	12.690	91	178036	21.172	ug/l	100
79) 2-Chlorotoluene	12.776	91	97656	20.943	ug/l	100
80) 1,3,5-Trimethylbenzene	12.831	105	116846	21.360	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.398	75	7548	18.647	ug/l	96
82) 4-Chlorotoluene	12.873	91	98945	20.770	ug/l	100
83) tert-Butylbenzene	13.093	119	104541	21.697	ug/l	98
84) 1,2,4-Trimethylbenzene	13.142	105	113368	21.044	ug/l	97
85) sec-Butylbenzene	13.276	105	157108	22.006	ug/l	100
86) p-Isopropyltoluene	13.392	119	126713	21.506	ug/l	99
87) 1,3-Dichlorobenzene	13.385	146	61135	20.469	ug/l	100
88) 1,4-Dichlorobenzene	13.465	146	60561	20.731	ug/l	99
89) n-Butylbenzene	13.715	91	120768	21.318	ug/l	100
90) Hexachloroethane	13.983	117	26462	20.900	ug/l	100
91) 1,2-Dichlorobenzene	13.757	146	53169	20.600	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.379	75	2886	16.330	ug/l	94
93) 1,2,4-Trichlorobenzene	15.025	180	25335	19.767	ug/l	98
94) Hexachlorobutadiene	15.129	225	16664	20.754	ug/l	99
95) Naphthalene	15.257	128	41458	19.392	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	20864	19.171	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

