

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020924\
 Data File : VY017330.D
 Acq On : 09 Feb 2024 10:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/12/2024
 Supervised By :Semsettin Yesilyurt 02/12/2024

Quant Time: Feb 09 22:21:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	105690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	171860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	150614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	68824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	54175	57.378	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.760%			
35) Dibromofluoromethane	7.728	113	57575	62.046	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 124.100%			
50) Toluene-d8	10.191	98	209395	61.978	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 123.960%			
62) 4-Bromofluorobenzene	12.489	95	67990	61.432	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 122.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	40691	50.787	ug/l	99
3) Chloromethane	2.119	50	77160	53.608	ug/l	98
4) Vinyl Chloride	2.253	62	93612	53.371	ug/l	97
5) Bromomethane	2.656	94	62848	51.691	ug/l	97
6) Chloroethane	2.802	64	59502	52.540	ug/l	96
7) Trichlorofluoromethane	3.131	101	95925	53.185	ug/l	99
8) Diethyl Ether	3.534	74	29883	52.673	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.906	101	58365	53.383	ug/l	99
10) Methyl Iodide	4.101	142	62844	54.675	ug/l	98
11) Tert butyl alcohol	4.960	59	20032	252.221	ug/l	100
12) 1,1-Dichloroethene	3.881	96	55260	53.940	ug/l	97
13) Acrolein	3.741	56	20538	263.139	ug/l	99
14) Allyl chloride	4.491	41	82199	53.074	ug/l	98
15) Acrylonitrile	5.174	53	66670	261.005	ug/l	99
16) Acetone	3.960	43	69708	251.196	ug/l	100
17) Carbon Disulfide	4.204	76	175703	53.728	ug/l	100
18) Methyl Acetate	4.485	43	34715	56.076	ug/l	99
19) Methyl tert-butyl Ether	5.235	73	129396	52.444	ug/l	99
20) Methylene Chloride	4.729	84	64022	56.807	ug/l	96
21) trans-1,2-Dichloroethene	5.235	96	63300	54.314	ug/l	98
22) Diisopropyl ether	6.131	45	184037	54.110	ug/l	96
23) Vinyl Acetate	6.070	43	544972	264.444	ug/l	99
24) 1,1-Dichloroethane	6.033	63	110222	52.902	ug/l	99
25) 2-Butanone	6.996	43	92100	249.656	ug/l	96
26) 2,2-Dichloropropane	6.996	77	93407	53.898	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	71445	54.811	ug/l	98
28) Bromochloromethane	7.344	49	38188	47.868	ug/l	98
29) Tetrahydrofuran	7.356	42	55440	266.034	ug/l	99
30) Chloroform	7.515	83	113306	54.059	ug/l	99
31) Cyclohexane	7.795	56	97024	50.983	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	98112	54.420	ug/l	100
36) 1,1-Dichloropropene	7.929	75	90912	56.798	ug/l	100
37) Ethyl Acetate	7.082	43	39136	52.717	ug/l	99
38) Carbon Tetrachloride	7.911	117	87774	57.274	ug/l	99
39) Methylcyclohexane	9.191	83	106478	56.942	ug/l	99
40) Benzene	8.173	78	260244	56.935	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	16756	47.638	ug/l #	80
42) 1,2-Dichloroethane	8.246	62	65697	54.285	ug/l	99
43) Isopropyl Acetate	8.283	43	71011	54.035	ug/l	100
44) Trichloroethene	8.953	130	67105	57.834	ug/l	93
45) 1,2-Dichloropropane	9.228	63	63178	56.271	ug/l	100
46) Dibromomethane	9.313	93	33998	56.058	ug/l	99
47) Bromodichloromethane	9.502	83	85017	56.013	ug/l	95
48) Methyl methacrylate	9.301	41	33631	54.559	ug/l	98
49) 1,4-Dioxane	9.307	88	7712	1168.269	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	196803	279.366	ug/l	99
52) Toluene	10.252	92	160643	58.224	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	81448	57.129	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	98661	57.776	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	45928	55.660	ug/l	99
56) Ethyl methacrylate	10.514	69	57316	51.529	ug/l	99
57) 1,3-Dichloropropane	10.794	76	79715	56.167	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	155835	303.147	ug/l	99
59) 2-Hexanone	10.837	43	140340	275.500	ug/l	99
60) Dibromochloromethane	10.990	129	54951	56.766	ug/l	98
61) 1,2-Dibromoethane	11.099	107	43228	56.329	ug/l	99
64) Tetrachloroethene	10.727	164	56818	58.086	ug/l	97
65) Chlorobenzene	11.526	112	164121	56.487	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	60505	57.303	ug/l	100
67) Ethyl Benzene	11.599	91	306685	58.405	ug/l	98
68) m/p-Xylenes	11.709	106	234763	117.809	ug/l	99
69) o-Xylene	12.038	106	108822	59.300	ug/l	98
70) Styrene	12.050	104	181464	60.016	ug/l	98
71) Bromoform	12.215	173	31612	57.168	ug/l #	98
73) Isopropylbenzene	12.337	105	287673	56.897	ug/l	99
74) N-amyl acetate	12.148	43	60340	53.113	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.587	83	51799	52.088	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	30601m	48.173	ug/l	
77) Bromobenzene	12.617	156	60858	54.265	ug/l	98
78) n-propylbenzene	12.678	91	354882	57.149	ug/l	100
79) 2-Chlorotoluene	12.764	91	191696	56.151	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	231586	57.592	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	16205	53.007	ug/l	98
82) 4-Chlorotoluene	12.861	91	197428	56.189	ug/l	100
83) tert-Butylbenzene	13.081	119	200453	58.155	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	230694	58.122	ug/l	97
85) sec-Butylbenzene	13.257	105	308600	57.283	ug/l	99
86) p-Isopropyltoluene	13.373	119	248771	57.787	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	124858	55.807	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	121479	55.888	ug/l	99
89) n-Butylbenzene	13.703	91	238012	58.150	ug/l	99
90) Hexachloroethane	13.965	117	49422	55.921	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	105789	55.543	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6681	51.578	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	55558	58.726	ug/l	97
94) Hexachlorobutadiene	15.117	225	31877	57.211	ug/l	98
95) Naphthalene	15.239	128	98114	51.200	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	46685	58.022	ug/l	99

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

