

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030524\
 Data File : VY017578.D
 Acq On : 05 Mar 2024 17:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Mar 05 22:07:27 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	135752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	208547	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	188821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	97767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	53157	41.317	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.640%		
35) Dibromofluoromethane	7.728	113	61234	42.137	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	84.280%		
50) Toluene-d8	10.185	98	227321	44.739	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	89.480%		
62) 4-Bromofluorobenzene	12.489	95	70688	44.268	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	88.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	42393	42.334	ug/l	98
3) Chloromethane	2.113	50	77040	42.106	ug/l	96
4) Vinyl Chloride	2.247	62	101051	43.050	ug/l	99
5) Bromomethane	2.650	94	88522	46.278	ug/l	99
6) Chloroethane	2.790	64	68179	46.043	ug/l	95
7) Trichlorofluoromethane	3.119	101	104883	43.842	ug/l	95
8) Diethyl Ether	3.527	74	31354	44.685	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	62062	45.102	ug/l	99
10) Methyl Iodide	4.094	142	69249	44.842	ug/l	99
11) Tert butyl alcohol	4.966	59	18567	169.894	ug/l #	81
12) 1,1-Dichloroethene	3.875	96	57917	45.163	ug/l	98
13) Acrolein	3.735	56	27343	189.620	ug/l	98
14) Allyl chloride	4.485	41	69468	44.832	ug/l	96
15) Acrylonitrile	5.167	53	65828	228.221	ug/l	100
16) Acetone	3.948	43	55219	221.282	ug/l	97
17) Carbon Disulfide	4.198	76	182485	47.409	ug/l	97
18) Methyl Acetate	4.479	43	29878	49.352	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	133394	44.628	ug/l	99
20) Methylene Chloride	4.722	84	74638	51.021	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	70253	46.788	ug/l	98
22) Diisopropyl ether	6.125	45	168477	47.118	ug/l	99
23) Vinyl Acetate	6.070	43	493865	231.786	ug/l	99
24) 1,1-Dichloroethane	6.027	63	112679	46.127	ug/l	99
25) 2-Butanone	6.996	43	80901	227.488	ug/l	94
26) 2,2-Dichloropropane	6.990	77	88743	43.208	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	76893	45.610	ug/l	99
28) Bromochloromethane	7.338	49	48133	50.031	ug/l	98
29) Tetrahydrofuran	7.356	42	50648	236.259	ug/l	99
30) Chloroform	7.515	83	120121	46.186	ug/l	99
31) Cyclohexane	7.795	56	93013	44.424	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	102276	45.296	ug/l	99
36) 1,1-Dichloropropene	7.923	75	91461	46.647	ug/l	100
37) Ethyl Acetate	7.082	43	34833	44.980	ug/l	98
38) Carbon Tetrachloride	7.905	117	91525	46.576	ug/l	98
39) Methylcyclohexane	9.191	83	111284	47.227	ug/l	99
40) Benzene	8.167	78	275756	47.358	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	19706m	50.709	ug/l	
42) 1,2-Dichloroethane	8.246	62	65730	46.267	ug/l	98
43) Isopropyl Acetate	8.283	43	63566	46.711	ug/l	100
44) Trichloroethene	8.947	130	77870	46.398	ug/l	100
45) 1,2-Dichloropropane	9.222	63	65228	47.085	ug/l	100
46) Dibromomethane	9.313	93	36966	46.626	ug/l	95
47) Bromodichloromethane	9.502	83	91366	47.462	ug/l	99
48) Methyl methacrylate	9.301	41	28928	45.925	ug/l	95
49) 1,4-Dioxane	9.307	88	8521	949.674	ug/l #	93
51) 4-Methyl-2-Pentanone	10.075	43	179115	236.164	ug/l	99
52) Toluene	10.252	92	175520	47.816	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	82849	46.368	ug/l	94
54) cis-1,3-Dichloropropene	9.935	75	102136	47.044	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	52467	46.610	ug/l	96
56) Ethyl methacrylate	10.520	69	60827	44.232	ug/l	98
57) 1,3-Dichloropropane	10.801	76	86683	47.363	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	176401	271.568	ug/l	98
59) 2-Hexanone	10.837	43	126698	243.204	ug/l	100
60) Dibromochloromethane	10.990	129	64403	48.363	ug/l	97
61) 1,2-Dibromoethane	11.099	107	49218	47.446	ug/l	100
64) Tetrachloroethene	10.727	164	81419	44.925	ug/l	97
65) Chlorobenzene	11.526	112	185119	46.189	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	69016	45.965	ug/l	99
67) Ethyl Benzene	11.599	91	328622	46.754	ug/l	96
68) m/p-Xylenes	11.709	106	263525	95.414	ug/l	99
69) o-Xylene	12.038	106	121672	47.485	ug/l	99
70) Styrene	12.050	104	206730	48.606	ug/l	97
71) Bromoform	12.215	173	39443	47.405	ug/l #	97
73) Isopropylbenzene	12.337	105	315276	43.406	ug/l	99
74) N-amyl acetate	12.154	43	56247	43.906	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	57362	45.989	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	44105m	47.479	ug/l	
77) Bromobenzene	12.617	156	76593	43.544	ug/l	95
78) n-propylbenzene	12.678	91	387527	44.465	ug/l	99
79) 2-Chlorotoluene	12.764	91	211888	43.424	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	260216	44.717	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	17679	43.730	ug/l	98
82) 4-Chlorotoluene	12.861	91	215845	43.248	ug/l	96
83) tert-Butylbenzene	13.081	119	228995	44.813	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	256085	44.575	ug/l	98
85) sec-Butylbenzene	13.264	105	346061	44.295	ug/l	100
86) p-Isopropyltoluene	13.373	119	289460	45.261	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	154567	43.779	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	151058	44.008	ug/l	99
89) n-Butylbenzene	13.702	91	264442	45.320	ug/l	99
90) Hexachloroethane	13.971	117	55699	43.441	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	133373	44.660	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7548	43.046	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	72194	45.766	ug/l	99
94) Hexachlorobutadiene	15.117	225	43671	44.840	ug/l	98
95) Naphthalene	15.245	128	123393	41.124	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	62170	45.941	ug/l	99

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

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