

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072122\
 Data File : VY009646.D
 Acq On : 21 Jul 2022 20:22
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/22/2022
 Supervised By :Mahesh Dadoda 07/22/2022

Quant Time: Jul 22 02:32:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	176545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	261122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	233893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	87544	52.431	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.860%			
35) Dibromofluoromethane	7.710	113	88353	53.708	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.420%			
50) Toluene-d8	10.173	98	323952	51.225	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 102.460%			
62) 4-Bromofluorobenzene	12.477	95	106461	51.953	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 103.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	72470	46.781	ug/l	100
3) Chloromethane	2.107	50	110927	48.320	ug/l	98
4) Vinyl Chloride	2.241	62	136648	56.921	ug/l	96
5) Bromomethane	2.631	94	103931	63.963	ug/l	99
6) Chloroethane	2.778	64	90344	61.954	ug/l	100
7) Trichlorofluoromethane	3.107	101	154388	54.272	ug/l	94
8) Diethyl Ether	3.515	74	48966	52.610	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.881	101	86433	51.959	ug/l	93
10) Methyl Iodide	4.076	142	112732	51.017	ug/l	89
11) Tert butyl alcohol	4.954	59	38876	231.888	ug/l #	93
12) 1,1-Dichloroethene	3.857	96	81042	49.917	ug/l #	79
13) Acrolein	3.717	56	27054	226.642	ug/l	97
14) Allyl chloride	4.460	41	108572	43.231	ug/l #	93
15) Acrylonitrile	5.149	53	119917	260.871	ug/l	98
16) Acetone	3.936	43	86663	205.178	ug/l #	88
17) Carbon Disulfide	4.174	76	238391	47.233	ug/l	100
18) Methyl Acetate	4.466	43	54187	45.703	ug/l #	84
19) Methyl tert-butyl Ether	5.204	73	230889	53.960	ug/l	96
20) Methylene Chloride	4.698	84	127080	62.652	ug/l #	79
21) trans-1,2-Dichloroethene	5.204	96	96966	52.769	ug/l #	81
22) Diisopropyl ether	6.106	45	257644	48.042	ug/l #	92
23) Vinyl Acetate	6.045	43	855096	252.712	ug/l #	90
24) 1,1-Dichloroethane	6.003	63	157828	50.954	ug/l	96
25) 2-Butanone	6.978	43	152534	247.573	ug/l #	80
26) 2,2-Dichloropropane	6.966	77	123392	44.469	ug/l	91
27) cis-1,2-Dichloroethene	6.972	96	112009	55.133	ug/l	81
28) Bromochloromethane	7.326	49	66386	50.021	ug/l #	67
29) Tetrahydrofuran	7.338	42	104999	259.573	ug/l #	81
30) Chloroform	7.496	83	175915	55.519	ug/l	100
31) Cyclohexane	7.777	56	134781	45.780	ug/l	88
32) 1,1,1-Trichloroethane	7.691	97	158303	55.700	ug/l	95
36) 1,1-Dichloropropene	7.905	75	128161	52.720	ug/l	94
37) Ethyl Acetate	7.064	43	71127	52.571	ug/l #	94
38) Carbon Tetrachloride	7.893	117	145796	57.293	ug/l	98
39) Methylcyclohexane	9.173	83	157867	52.667	ug/l	89
40) Benzene	8.149	78	381687	53.659	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	32741m	50.431	ug/l	
42) 1,2-Dichloroethane	8.228	62	113338	56.799	ug/l	91
43) Isopropyl Acetate	8.265	43	130114	52.483	ug/l #	89
44) Trichloroethene	8.929	130	114014	56.359	ug/l	95
45) 1,2-Dichloropropane	9.209	63	92553	53.034	ug/l	97
46) Dibromomethane	9.301	93	60030	59.226	ug/l	94
47) Bromodichloromethane	9.490	83	136350	57.370	ug/l	97
48) Methyl methacrylate	9.289	41	58882	53.757	ug/l #	84
49) 1,4-Dioxane	9.295	88	17037	1261.016	ug/l #	77
51) 4-Methyl-2-Pentanone	10.063	43	354039	275.039	ug/l	89
52) Toluene	10.240	92	247968	55.034	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	132337	53.910	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	149661	53.620	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	82271	57.634	ug/l	97
56) Ethyl methacrylate	10.508	69	104963	57.474	ug/l #	81
57) 1,3-Dichloropropane	10.782	76	132091	55.762	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	261044	263.066	ug/l	90
59) 2-Hexanone	10.825	43	239192	267.165	ug/l	86
60) Dibromochloromethane	10.977	129	103166	59.726	ug/l	100
61) 1,2-Dibromoethane	11.081	107	80350	57.693	ug/l	100
64) Tetrachloroethene	10.715	164	110814	60.538	ug/l	95
65) Chlorobenzene	11.514	112	266379	55.734	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	105584	59.458	ug/l	98
67) Ethyl Benzene	11.587	91	459123	54.617	ug/l	96
68) m/p-Xylenes	11.697	106	374077	111.815	ug/l	89
69) o-Xylene	12.026	106	175687	56.116	ug/l	89
70) Styrene	12.038	104	298105	57.248	ug/l	94
71) Bromoform	12.203	173	70415	62.835	ug/l #	98
73) Isopropylbenzene	12.325	105	458599	54.144	ug/l	99
74) N-amyl acetate	12.142	43	112189	49.804	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	91310	53.830	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	62096m	53.285	ug/l	
77) Bromobenzene	12.605	156	119598	56.152	ug/l	84
78) n-propylbenzene	12.666	91	539246	52.688	ug/l	96
79) 2-Chlorotoluene	12.752	91	300684	52.989	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	380926	54.427	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	30078	50.892	ug/l #	85
82) 4-Chlorotoluene	12.849	91	311362	52.891	ug/l	93
83) tert-Butylbenzene	13.075	119	344972	55.480	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	378568	54.086	ug/l	97
85) sec-Butylbenzene	13.251	105	491426	53.306	ug/l	97
86) p-Isopropyltoluene	13.367	119	422160	54.490	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	229058	54.365	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	227090	54.360	ug/l	97
89) n-Butylbenzene	13.690	91	372315	52.619	ug/l	98
90) Hexachloroethane	13.959	117	81308	54.473	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	204040	55.435	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14742	57.127	ug/l	60
93) 1,2,4-Trichlorobenzene	15.007	180	131140	56.766	ug/l	99
94) Hexachlorobutadiene	15.111	225	77825	56.787	ug/l	99
95) Naphthalene	15.233	128	269548	61.113	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	117782	58.040	ug/l	100

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

