

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072622\
 Data File : VY009711.D
 Acq On : 26 Jul 2022 19:27
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/27/2022
 Supervised By :Mahesh Dadoda 07/27/2022

Quant Time: Jul 27 04:27:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	203822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	303135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	273967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	146417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	69327	51.229	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.460%			
35) Dibromofluoromethane	7.710	113	78425	47.569	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.140%			
50) Toluene-d8	10.173	98	240609	50.121	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 100.240%			
62) 4-Bromofluorobenzene	12.477	95	107997	49.401	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 98.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	82289	45.350	ug/l	99
3) Chloromethane	2.107	50	114692	51.624	ug/l	97
4) Vinyl Chloride	2.241	62	126986	51.219	ug/l	97
5) Bromomethane	2.637	94	88132	51.277	ug/l	96
6) Chloroethane	2.778	64	77962	52.565	ug/l	99
7) Trichlorofluoromethane	3.113	101	161549	49.326	ug/l	96
8) Diethyl Ether	3.521	74	52644	49.590	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.881	101	90607	48.922	ug/l	95
10) Methyl Iodide	4.076	142	122932	51.156	ug/l #	88
11) Tert butyl alcohol	4.948	59	45023	224.454	ug/l #	94
12) 1,1-Dichloroethene	3.857	96	87240	50.104	ug/l	84
13) Acrolein	3.723	56	7743	241.966	ug/l	98
14) Allyl chloride	4.466	41	138588	50.624	ug/l #	91
15) Acrylonitrile	5.155	53	133440	260.992	ug/l	98
16) Acetone	3.936	43	99590	204.359	ug/l	92
17) Carbon Disulfide	4.180	76	276130	51.544	ug/l	99
18) Methyl Acetate	4.466	43	63394	50.510	ug/l #	91
19) Methyl tert-butyl Ether	5.210	73	246177	51.775	ug/l	97
20) Methylene Chloride	4.704	84	150476	67.760	ug/l	86
21) trans-1,2-Dichloroethene	5.204	96	102467	50.646	ug/l	90
22) Diisopropyl ether	6.106	45	307595	52.759	ug/l	95
23) Vinyl Acetate	6.045	43	1010110	257.310	ug/l #	94
24) 1,1-Dichloroethane	6.003	63	172974	51.195	ug/l	97
25) 2-Butanone	6.978	43	174577	242.834	ug/l #	87
26) 2,2-Dichloropropane	6.972	77	142880	44.483	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	116308	51.249	ug/l	86
28) Bromochloromethane	7.326	49	64468	52.930	ug/l #	81
29) Tetrahydrofuran	7.338	42	123203	270.619	ug/l	90
30) Chloroform	7.496	83	179240	50.710	ug/l	99
31) Cyclohexane	7.777	56	157323	48.512	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	159588	50.300	ug/l	95
36) 1,1-Dichloropropene	7.911	75	138552	51.647	ug/l	96
37) Ethyl Acetate	7.063	43	82593	51.945	ug/l	95
38) Carbon Tetrachloride	7.893	117	145327	50.556	ug/l	100
39) Methylcyclohexane	9.179	83	173337	52.161	ug/l	90
40) Benzene	8.155	78	410499	51.643	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	44602m	55.059	ug/l	
42) 1,2-Dichloroethane	8.228	62	114925	51.859	ug/l	91
43) Isopropyl Acetate	8.264	43	149536	53.830	ug/l #	93
44) Trichloroethene	8.935	130	114977	50.424	ug/l	100
45) 1,2-Dichloropropane	9.209	63	101003	52.335	ug/l	98
46) Dibromomethane	9.301	93	60665	52.835	ug/l	95
47) Bromodichloromethane	9.490	83	138493	52.503	ug/l	100
48) Methyl methacrylate	9.289	41	66646	54.559	ug/l #	86
49) 1,4-Dioxane	9.289	88	14630	885.108	ug/l #	82
51) 4-Methyl-2-Pentanone	10.063	43	407846	288.603	ug/l	92
52) Toluene	10.240	92	266367	53.500	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	144422	53.017	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	162898	52.067	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	84539	52.073	ug/l	98
56) Ethyl methacrylate	10.508	69	115531	57.121	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	143212	54.240	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	278232	266.499	ug/l	95
59) 2-Hexanone	10.831	43	281384	279.392	ug/l	89
60) Dibromochloromethane	10.983	129	104533	53.235	ug/l	100
61) 1,2-Dibromoethane	11.087	107	84010	53.124	ug/l	100
64) Tetrachloroethene	10.715	164	111969	51.834	ug/l	99
65) Chlorobenzene	11.514	112	274375	49.908	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	106272	51.946	ug/l	98
67) Ethyl Benzene	11.587	91	485382	51.079	ug/l	97
68) m/p-Xylenes	11.697	106	386872	102.560	ug/l	90
69) o-Xylene	12.026	106	182652	51.778	ug/l	90
70) Styrene	12.038	104	311350	52.515	ug/l	94
71) Bromoform	12.203	173	69618	53.290	ug/l #	99
73) Isopropylbenzene	12.325	105	476163	48.921	ug/l	99
74) N-amyl acetate	12.142	43	123832	49.256	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	93138	48.649	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	66413m	48.833	ug/l	
77) Bromobenzene	12.605	156	120387	49.803	ug/l	87
78) n-propylbenzene	12.666	91	569951	49.275	ug/l	97
79) 2-Chlorotoluene	12.751	91	318943	48.722	ug/l	94
80) 1,3,5-Trimethylbenzene	12.806	105	403104	49.971	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	32249	47.266	ug/l	87
82) 4-Chlorotoluene	12.849	91	329359	48.365	ug/l	94
83) tert-Butylbenzene	13.075	119	363834	50.189	ug/l	91
84) 1,2,4-Trimethylbenzene	13.117	105	409215	50.330	ug/l	97
85) sec-Butylbenzene	13.251	105	543419	51.056	ug/l	99
86) p-Isopropyltoluene	13.367	119	462084	51.330	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	245350	50.269	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	242901	49.420	ug/l	97
89) n-Butylbenzene	13.696	91	419959	50.920	ug/l	99
90) Hexachloroethane	13.959	117	86606	48.907	ug/l	96
91) 1,2-Dichlorobenzene	13.733	146	217639	49.930	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16068	49.946	ug/l	70
93) 1,2,4-Trichlorobenzene	15.001	180	134875	49.025	ug/l	99
94) Hexachlorobutadiene	15.111	225	80826	48.523	ug/l	100
95) Naphthalene	15.233	128	274051	53.143	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	118815	49.378	ug/l	100

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

