

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
 Data File : VD071454.D
 Acq On : 23 Dec 2021 20:56
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/28/2021
 Supervised By :Semsettin Yesilyurt 12/28/2021

Quant Time: Dec 27 02:07:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	364719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	643953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	602200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	286153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	270289	55.801	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.600%
35) Dibromofluoromethane	7.914	113	233355	53.919	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.840%
50) Toluene-d8	10.332	98	863033	52.768	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.540%
62) 4-Bromofluorobenzene	12.626	95	309737	53.295	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.580%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	171914	44.984	ug/l	96
3) Chloromethane	2.209	50	232557	47.523	ug/l	99
4) Vinyl Chloride	2.350	62	257786	43.959	ug/l	97
5) Bromomethane	2.768	94	182988	44.604	ug/l	99
6) Chloroethane	2.926	64	179509	46.125	ug/l	88
7) Trichlorofluoromethane	3.273	101	334807	46.637	ug/l	98
8) Diethyl Ether	3.709	74	109774	53.412	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.103	101	192865	46.177	ug/l	96
10) Methyl Iodide	4.303	142	204138	50.259	ug/l	96
11) Tert butyl alcohol	5.214	59	90212	249.858	ug/l #	93
12) 1,1-Dichloroethene	4.073	96	181280	47.708	ug/l	85
13) Acrolein	3.926	56	63417	271.028	ug/l	98
14) Allyl chloride	4.714	41	354542	49.331	ug/l #	80
15) Acrylonitrile	5.420	53	266342	263.150	ug/l	95
16) Acetone	4.156	43	304221	250.047	ug/l #	87
17) Carbon Disulfide	4.415	76	564641	45.607	ug/l	97
18) Methyl Acetate	4.720	43	192053	51.143	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	514334	52.435	ug/l	100
20) Methylene Chloride	4.967	84	248970	54.649	ug/l	87
21) trans-1,2-Dichloroethene	5.473	96	215256	48.910	ug/l	89
22) Diisopropyl ether	6.361	45	759488	51.909	ug/l	92
23) Vinyl Acetate	6.303	43	2024301	268.387	ug/l	97
24) 1,1-Dichloroethane	6.261	63	418032	49.839	ug/l	97
25) 2-Butanone	7.208	43	373985	257.345	ug/l #	89
26) 2,2-Dichloropropane	7.208	77	331078	48.039	ug/l	95
27) cis-1,2-Dichloroethene	7.208	96	253296	52.034	ug/l	95
28) Bromochloromethane	7.544	49	180546	52.527	ug/l	90
29) Tetrahydrofuran	7.561	42	228673	262.077	ug/l	94
30) Chloroform	7.708	83	431769	51.017	ug/l	98
31) Cyclohexane	7.985	56	359564	43.698	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	366762	48.863	ug/l	93
36) 1,1-Dichloropropene	8.108	75	314622	45.503	ug/l	97
37) Ethyl Acetate	7.291	43	164424	51.509	ug/l #	91
38) Carbon Tetrachloride	8.097	117	313587	45.969	ug/l	98
39) Methylcyclohexane	9.350	83	364664	45.054	ug/l	98
40) Benzene	8.350	78	883051	47.507	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	90097	47.518	ug/l #	85
42) 1,2-Dichloroethane	8.420	62	298670	49.276	ug/l	93
43) Isopropyl Acetate	8.450	43	323631	51.088	ug/l #	89
44) Trichloroethene	9.108	130	232023	47.901	ug/l	94
45) 1,2-Dichloropropane	9.385	63	240504	49.863	ug/l	98
46) Dibromomethane	9.473	93	131087	49.194	ug/l	96
47) Bromodichloromethane	9.655	83	334365	49.423	ug/l	93
48) Methyl methacrylate	9.450	41	160297	51.135	ug/l #	77
49) 1,4-Dioxane	9.455	88	31047	1031.041	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	845551	253.704	ug/l	90
52) Toluene	10.397	92	571018	48.360	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	316595	50.113	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	360922	49.439	ug/l #	80
55) 1,1,2-Trichloroethane	10.797	97	172031	50.861	ug/l	93
56) Ethyl methacrylate	10.655	69	230654	51.821	ug/l #	73
57) 1,3-Dichloropropane	10.938	76	308928	49.863	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	511033	239.686	ug/l	99
59) 2-Hexanone	10.979	43	592903	251.677	ug/l	89
60) Dibromochloromethane	11.132	129	218378	51.360	ug/l	100
61) 1,2-Dibromoethane	11.238	107	168817	50.391	ug/l	98
64) Tetrachloroethene	10.873	164	194114	46.386	ug/l	97
65) Chlorobenzene	11.661	112	584768	47.340	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	224894	49.837	ug/l	97
67) Ethyl Benzene	11.738	91	1105826	48.103	ug/l	99
68) m/p-Xylenes	11.849	106	847570	97.044	ug/l	96
69) o-Xylene	12.173	106	398485	49.914	ug/l	94
70) Styrene	12.185	104	697856	50.319	ug/l	96
71) Bromoform	12.355	173	122494	50.163	ug/l #	97
73) Isopropylbenzene	12.473	105	1054457	47.797	ug/l	99
74) N-amyl acetate	12.279	43	304403	51.429	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	199853	50.107	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	164780m	48.464	ug/l	
77) Bromobenzene	12.755	156	235919	48.058	ug/l	95
78) n-propylbenzene	12.808	91	1309758	47.365	ug/l	100
79) 2-Chlorotoluene	12.896	91	741617	47.989	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	899074	49.409	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	58439	48.565	ug/l #	74
82) 4-Chlorotoluene	12.996	91	782012	48.785	ug/l	100
83) tert-Butylbenzene	13.214	119	755670	48.599	ug/l	95
84) 1,2,4-Trimethylbenzene	13.261	105	884623	49.120	ug/l	97
85) sec-Butylbenzene	13.390	105	1141434	48.152	ug/l	99
86) p-Isopropyltoluene	13.508	119	957698	48.691	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	476772	48.225	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	471754	48.664	ug/l	99
89) n-Butylbenzene	13.832	91	922155	47.767	ug/l	98
90) Hexachloroethane	14.102	117	177762	47.709	ug/l	92
91) 1,2-Dichlorobenzene	13.879	146	409471	48.802	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	34760	50.254	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	256712	50.207	ug/l	97
94) Hexachlorobutadiene	15.249	225	128418	46.883	ug/l	99
95) Naphthalene	15.384	128	503863	51.771	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	219249	49.576	ug/l	98

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

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