

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120821\
 Data File : VD071195.D
 Acq On : 08 Dec 2021 09:49
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/09/2021
 Supervised By :Mahesh Dadoda 12/10/2021

Quant Time: Dec 09 10:12:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	257726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	427015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	389576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	187392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	139268	46.052	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.100%		
35) Dibromofluoromethane	7.908	113	133944	49.259	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.520%		
50) Toluene-d8	10.332	98	469093	45.332	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.660%		
62) 4-Bromofluorobenzene	12.626	95	171945	47.936	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.880%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	101244	46.066	ug/l	99
3) Chloromethane	2.215	50	145778	50.137	ug/l	99
4) Vinyl Chloride	2.356	62	172941	53.312	ug/l	97
5) Bromomethane	2.773	94	126890	54.262	ug/l	95
6) Chloroethane	2.926	64	128488	57.589	ug/l	91
7) Trichlorofluoromethane	3.285	101	236605	53.842	ug/l	100
8) Diethyl Ether	3.709	74	62733	52.658	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.103	101	140348	54.134	ug/l	94
10) Methyl Iodide	4.303	142	147092	48.913	ug/l	95
11) Tert butyl alcohol	5.203	59	52387	274.756	ug/l	94
12) 1,1-Dichloroethene	4.073	96	121654	50.847	ug/l	82
13) Acrolein	3.920	56	38790	187.701	ug/l	97
14) Allyl chloride	4.714	41	226692	49.882	ug/l #	77
15) Acrylonitrile	5.414	53	163752	282.634	ug/l	96
16) Acetone	4.150	43	209538	259.591	ug/l	88
17) Carbon Disulfide	4.414	76	333125	47.555	ug/l	95
18) Methyl Acetate	4.714	43	118485	53.103	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	323208	55.121	ug/l	98
20) Methylene Chloride	4.967	84	151249	49.523	ug/l	88
21) trans-1,2-Dichloroethene	5.473	96	143917	53.436	ug/l	93
22) Diisopropyl ether	6.361	45	510212	56.035	ug/l	92
23) Vinyl Acetate	6.303	43	1228346	249.528	ug/l	95
24) 1,1-Dichloroethane	6.261	63	288769	55.140	ug/l	99
25) 2-Butanone	7.203	43	233350	251.422	ug/l #	82
26) 2,2-Dichloropropane	7.208	77	249911	52.478	ug/l	95
27) cis-1,2-Dichloroethene	7.208	96	165360	54.271	ug/l	91
28) Bromochloromethane	7.544	49	115176	50.634	ug/l	89
29) Tetrahydrofuran	7.555	42	131867	274.608	ug/l	93
30) Chloroform	7.708	83	296459	56.405	ug/l	96
31) Cyclohexane	7.985	56	251227	48.839	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	262867	55.706	ug/l	95
36) 1,1-Dichloropropene	8.114	75	216081	54.142	ug/l	97
37) Ethyl Acetate	7.285	43	93516	54.245	ug/l #	93
38) Carbon Tetrachloride	8.097	117	223264	56.750	ug/l	98
39) Methylcyclohexane	9.350	83	248801	51.830	ug/l	100
40) Benzene	8.350	78	601990	55.530	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	58656	65.595	ug/l #	80
42) 1,2-Dichloroethane	8.420	62	186659	56.408	ug/l	96
43) Isopropyl Acetate	8.450	43	190909	50.293	ug/l	91
44) Trichloroethene	9.108	130	157659	54.545	ug/l	96
45) 1,2-Dichloropropane	9.385	63	159369	55.901	ug/l	97
46) Dibromomethane	9.467	93	84480	57.116	ug/l	94
47) Bromodichloromethane	9.655	83	226125	57.808	ug/l #	93
48) Methyl methacrylate	9.449	41	95464	56.571	ug/l #	83
49) 1,4-Dioxane	9.455	88	16240	1137.422	ug/l	88
51) 4-Methyl-2-Pentanone	10.220	43	494591	253.877	ug/l	91
52) Toluene	10.397	92	383905	55.814	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	203777	56.661	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	242061	56.663	ug/l #	79
55) 1,1,2-Trichloroethane	10.796	97	110649	57.025	ug/l	98
56) Ethyl methacrylate	10.655	69	139569	49.969	ug/l #	76
57) 1,3-Dichloropropane	10.938	76	199201	58.440	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	326879	247.564	ug/l	100
59) 2-Hexanone	10.979	43	368110	251.123	ug/l	88
60) Dibromochloromethane	11.132	129	141133	58.523	ug/l	99
61) 1,2-Dibromoethane	11.238	107	105739	56.741	ug/l	99
64) Tetrachloroethene	10.873	164	129399	52.320	ug/l	96
65) Chlorobenzene	11.661	112	404806	56.003	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	151192	57.287	ug/l	98
67) Ethyl Benzene	11.738	91	749748	55.098	ug/l	99
68) m/p-Xylenes	11.843	106	567898	110.544	ug/l	96
69) o-Xylene	12.173	106	265540	54.995	ug/l	95
70) Styrene	12.185	104	461596	56.724	ug/l	97
71) Bromoform	12.355	173	79011	57.787	ug/l #	98
73) Isopropylbenzene	12.473	105	727457	53.613	ug/l	100
74) N-amyl acetate	12.279	43	174619	47.346	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.720	83	125201	56.031	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	105727m	59.218	ug/l	
77) Bromobenzene	12.755	156	157033	53.431	ug/l	98
78) n-propylbenzene	12.814	91	917321	54.287	ug/l	99
79) 2-Chlorotoluene	12.902	91	505028	53.251	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	605218	54.090	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	36089	47.592	ug/l #	76
82) 4-Chlorotoluene	12.996	91	520630	52.878	ug/l	100
83) tert-Butylbenzene	13.214	119	511663	53.248	ug/l	94
84) 1,2,4-Trimethylbenzene	13.261	105	594262	54.400	ug/l	98
85) sec-Butylbenzene	13.390	105	782283	53.302	ug/l	98
86) p-Isopropyltoluene	13.508	119	653536	54.444	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	316158	54.040	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	308912	53.295	ug/l	98
89) n-Butylbenzene	13.832	91	639406	54.566	ug/l	99
90) Hexachloroethane	14.102	117	125149	54.998	ug/l	95
91) 1,2-Dichlorobenzene	13.879	146	272001	54.671	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	19357	53.195	ug/l	94
93) 1,2,4-Trichlorobenzene	15.149	180	170509	54.942	ug/l	98
94) Hexachlorobutadiene	15.249	225	96339	54.865	ug/l	99
95) Naphthalene	15.384	128	311804	56.994	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	145061	55.033	ug/l	97

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

