

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111921\
 Data File : VD071049.D
 Acq On : 19 Nov 2021 11:18
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/22/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time: Nov 22 02:51:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	225946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	372007	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	330132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	159087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	112204	46.642	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.280%		
35) Dibromofluoromethane	7.914	113	103485	49.298	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.600%		
50) Toluene-d8	10.338	98	382985	46.587	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.180%		
62) 4-Bromofluorobenzene	12.626	95	134668	45.496	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	91126	47.205	ug/l	95
3) Chloromethane	2.209	50	125973	54.840	ug/l	98
4) Vinyl Chloride	2.350	62	147016	66.548	ug/l	99
5) Bromomethane	2.773	94	97330	64.637	ug/l	97
6) Chloroethane	2.926	64	100324	70.707	ug/l	89
7) Trichlorofluoromethane	3.273	101	198251	55.761	ug/l	98
8) Diethyl Ether	3.709	74	52158	44.327	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.097	101	116675	53.237	ug/l	95
10) Methyl Iodide	4.303	142	116110	44.992	ug/l	97
11) Tert butyl alcohol	5.209	59	50850	289.228	ug/l #	81
12) 1,1-Dichloroethene	4.067	96	103733	48.348	ug/l	84
13) Acrolein	3.914	56	9918	183.140	ug/l	100
14) Allyl chloride	4.720	41	204242	45.702	ug/l #	80
15) Acrylonitrile	5.414	53	133392	236.912	ug/l	95
16) Acetone	4.150	43	180668	275.872	ug/l	89
17) Carbon Disulfide	4.414	76	304864	44.006	ug/l	97
18) Methyl Acetate	4.720	43	99866	48.388	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	268320	48.444	ug/l	100
20) Methylene Chloride	4.967	84	152210	55.698	ug/l	88
21) trans-1,2-Dichloroethene	5.473	96	118094	48.022	ug/l	87
22) Diisopropyl ether	6.361	45	422757	47.584	ug/l	92
23) Vinyl Acetate	6.303	43	1026005	219.184	ug/l	96
24) 1,1-Dichloroethane	6.256	63	235684	49.666	ug/l	99
25) 2-Butanone	7.208	43	198311	237.333	ug/l #	87
26) 2,2-Dichloropropane	7.208	77	209476	52.304	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	137898	49.054	ug/l	93
28) Bromochloromethane	7.544	49	94215	46.810	ug/l	87
29) Tetrahydrofuran	7.555	42	115567	236.436	ug/l	92
30) Chloroform	7.708	83	234478	51.972	ug/l	100
31) Cyclohexane	7.985	56	215436	43.547	ug/l	99
32) 1,1,1-Trichloroethane	7.903	97	211432	54.565	ug/l	95
36) 1,1-Dichloropropene	8.108	75	181650	54.690	ug/l	97
37) Ethyl Acetate	7.291	43	79277	52.315	ug/l #	92
38) Carbon Tetrachloride	8.097	117	183552	60.009	ug/l	97
39) Methylcyclohexane	9.350	83	213230	49.708	ug/l	98
40) Benzene	8.350	78	487317	52.098	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	48395	44.781	ug/l #	76
42) 1,2-Dichloroethane	8.420	62	151869	57.321	ug/l	94
43) Isopropyl Acetate	8.450	43	162051	50.530	ug/l #	89
44) Trichloroethene	9.108	130	126160	52.326	ug/l	95
45) 1,2-Dichloropropane	9.385	63	129462	51.177	ug/l	98
46) Dibromomethane	9.473	93	66192	54.973	ug/l	95
47) Bromodichloromethane	9.655	83	176742	55.495	ug/l	99
48) Methyl methacrylate	9.450	41	81103	51.551	ug/l #	78
49) 1,4-Dioxane	9.455	88	13851	992.832	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	420503	270.451	ug/l	89
52) Toluene	10.397	92	311554	52.838	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	167358	52.110	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	193016	50.965	ug/l #	82
55) 1,1,2-Trichloroethane	10.796	97	88451	53.448	ug/l	95
56) Ethyl methacrylate	10.655	69	115932	49.512	ug/l #	75
57) 1,3-Dichloropropane	10.938	76	159393	53.038	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	286465	235.332	ug/l	99
59) 2-Hexanone	10.979	43	309985	254.637	ug/l	89
60) Dibromochloromethane	11.132	129	110726	55.773	ug/l	99
61) 1,2-Dibromoethane	11.238	107	84539	52.516	ug/l	99
64) Tetrachloroethene	10.867	164	105745	54.931	ug/l	97
65) Chlorobenzene	11.661	112	321518	54.585	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.732	131	115468	55.230	ug/l	99
67) Ethyl Benzene	11.738	91	606358	54.358	ug/l	100
68) m/p-Xylenes	11.849	106	458878	110.067	ug/l	97
69) o-Xylene	12.173	106	213787	53.911	ug/l	96
70) Styrene	12.185	104	368205	54.837	ug/l	97
71) Bromoform	12.349	173	61465	56.377	ug/l #	100
73) Isopropylbenzene	12.473	105	577959	50.429	ug/l	100
74) N-amyl acetate	12.279	43	149320	45.604	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	98426	49.895	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	70329m	51.753	ug/l	
77) Bromobenzene	12.755	156	122707	50.110	ug/l	97
78) n-propylbenzene	12.814	91	724693	51.031	ug/l	99
79) 2-Chlorotoluene	12.902	91	400008	49.401	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	481291	51.004	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	29202	41.972	ug/l #	76
82) 4-Chlorotoluene	12.996	91	419265	50.171	ug/l	100
83) tert-Butylbenzene	13.214	119	411035	50.566	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	471889	51.062	ug/l	97
85) sec-Butylbenzene	13.390	105	637262	52.146	ug/l	100
86) p-Isopropyltoluene	13.508	119	525864	53.589	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	250422	52.303	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	245098	51.128	ug/l	98
89) n-Butylbenzene	13.832	91	512439	51.962	ug/l	99
90) Hexachloroethane	14.102	117	96214	49.548	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	213238	51.399	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	16673	51.534	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	136721	51.509	ug/l	100
94) Hexachlorobutadiene	15.249	225	75905	56.702	ug/l	99
95) Naphthalene	15.384	128	247070	48.748	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	117991	52.868	ug/l	99

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

