

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120721\
 Data File : VD071193.D
 Acq On : 07 Dec 2021 19:46
 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 :Semsettin Yesilyurt 12/08/2021
 Supervised By :Amit Patel 12/08/2021

Quant Time: Dec 08 02:53:13 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	230085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	401559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	377465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	182175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	135109	50.044	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.080%			
35) Dibromofluoromethane	7.914	113	127506	49.864	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.720%			
50) Toluene-d8	10.337	98	449678	46.211	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 92.420%			
62) 4-Bromofluorobenzene	12.626	95	166551	49.376	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.760%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	84706	43.171	ug/l	94
3) Chloromethane	2.214	50	131602	50.699	ug/l	97
4) Vinyl Chloride	2.356	62	156078	53.894	ug/l	100
5) Bromomethane	2.779	94	116077	55.602	ug/l	96
6) Chloroethane	2.932	64	112764	56.613	ug/l	96
7) Trichlorofluoromethane	3.285	101	203691	51.920	ug/l	96
8) Diethyl Ether	3.714	74	56229	52.869	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.097	101	122014	52.716	ug/l	95
10) Methyl Iodide	4.308	142	126739	47.367	ug/l	97
11) Tert butyl alcohol	5.208	59	38992	216.626	ug/l #	92
12) 1,1-Dichloroethene	4.073	96	107989	50.557	ug/l	81
13) Acrolein	3.926	56	25974	140.785	ug/l	97
14) Allyl chloride	4.726	41	208918	51.494	ug/l #	79
15) Acrylonitrile	5.414	53	147885	285.912	ug/l	95
16) Acetone	4.155	43	171075	240.034	ug/l	91
17) Carbon Disulfide	4.420	76	295029	47.176	ug/l	96
18) Methyl Acetate	4.720	43	105788	53.108	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	288918	55.193	ug/l	99
20) Methylene Chloride	4.973	84	142651	52.577	ug/l	89
21) trans-1,2-Dichloroethene	5.473	96	124349	51.717	ug/l	85
22) Diisopropyl ether	6.367	45	462271	56.869	ug/l	92
23) Vinyl Acetate	6.308	43	1072215	244.583	ug/l	97
24) 1,1-Dichloroethane	6.267	63	261659	55.965	ug/l	99
25) 2-Butanone	7.208	43	206376	249.336	ug/l #	89
26) 2,2-Dichloropropane	7.214	77	211390	49.722	ug/l	96
27) cis-1,2-Dichloroethene	7.214	96	148082	54.439	ug/l	92
28) Bromochloromethane	7.549	49	107997	53.182	ug/l	90
29) Tetrahydrofuran	7.561	42	121630	283.719	ug/l	93
30) Chloroform	7.714	83	265530	56.590	ug/l	99
31) Cyclohexane	7.985	56	218592	47.600	ug/l	95
32) 1,1,1-Trichloroethane	7.908	97	230435	54.700	ug/l	95
36) 1,1-Dichloropropene	8.114	75	186760	49.762	ug/l	98
37) Ethyl Acetate	7.291	43	90235	55.660	ug/l #	93
38) Carbon Tetrachloride	8.096	117	196005	52.980	ug/l	99
39) Methylcyclohexane	9.355	83	222265	49.238	ug/l	98
40) Benzene	8.349	78	539222	52.894	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	49247	60.328	ug/l #	87
42) 1,2-Dichloroethane	8.420	62	175065	56.258	ug/l	93
43) Isopropyl Acetate	8.449	43	173056	48.668	ug/l #	89
44) Trichloroethene	9.108	130	142489	52.422	ug/l	93
45) 1,2-Dichloropropane	9.385	63	149131	55.626	ug/l	97
46) Dibromomethane	9.473	93	77969	56.055	ug/l	93
47) Bromodichloromethane	9.655	83	203694	55.375	ug/l	98
48) Methyl methacrylate	9.455	41	86213	54.328	ug/l #	83
49) 1,4-Dioxane	9.455	88	14197	1057.368	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	453671	248.388	ug/l	90
52) Toluene	10.402	92	350962	54.259	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	181775	53.747	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	215680	53.688	ug/l #	82
55) 1,1,2-Trichloroethane	10.796	97	104344	57.184	ug/l	95
56) Ethyl methacrylate	10.655	69	126433	48.354	ug/l #	76
57) 1,3-Dichloropropane	10.943	76	179681	56.055	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	315604	254.177	ug/l	99
59) 2-Hexanone	10.979	43	319827	234.646	ug/l	90
60) Dibromochloromethane	11.132	129	127506	56.224	ug/l	98
61) 1,2-Dibromoethane	11.243	107	99374	56.706	ug/l	98
64) Tetrachloroethene	10.873	164	118063	49.268	ug/l	95
65) Chlorobenzene	11.667	112	366131	52.278	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.737	131	137704	53.850	ug/l	98
67) Ethyl Benzene	11.737	91	675629	51.244	ug/l	99
68) m/p-Xylenes	11.849	106	516526	103.771	ug/l	96
69) o-Xylene	12.173	106	244563	52.276	ug/l	97
70) Styrene	12.184	104	423105	53.662	ug/l	97
71) Bromoform	12.349	173	73654	55.597	ug/l #	100
73) Isopropylbenzene	12.473	105	655444	49.689	ug/l	99
74) N-amyl acetate	12.279	43	160114	44.981	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	111143	51.164	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	81936m	47.207	ug/l	
77) Bromobenzene	12.749	156	145678	50.987	ug/l	98
78) n-propylbenzene	12.814	91	823415	50.125	ug/l	100
79) 2-Chlorotoluene	12.896	91	462474	50.161	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	553462	50.881	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	30958	42.674	ug/l #	77
82) 4-Chlorotoluene	12.996	91	479683	50.114	ug/l	99
83) tert-Butylbenzene	13.214	119	473667	50.705	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	543103	51.141	ug/l	99
85) sec-Butylbenzene	13.390	105	719960	50.460	ug/l	100
86) p-Isopropyltoluene	13.508	119	598161	51.258	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	289741	50.943	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	285940	50.744	ug/l	98
89) n-Butylbenzene	13.831	91	587267	51.552	ug/l	98
90) Hexachloroethane	14.096	117	112596	50.898	ug/l	93
91) 1,2-Dichlorobenzene	13.878	146	253664	52.445	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.496	75	18039	50.993	ug/l	99
93) 1,2,4-Trichlorobenzene	15.143	180	154837	51.321	ug/l	98
94) Hexachlorobutadiene	15.249	225	86499	50.672	ug/l	99
95) Naphthalene	15.384	128	278541	52.372	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	134061	52.317	ug/l	97

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

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