

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051122\
 Data File : VD072922.D
 Acq On : 11 May 2022 10:33
 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 :Mahesh Dadoda 05/12/2022
 Supervised By :Semsettin Yesilyurt 05/12/2022

Quant Time: May 11 13:16:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	351390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	574972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	545908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	262278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	215672	47.283	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.560%		
35) Dibromofluoromethane	7.909	113	205698	50.939	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.880%		
50) Toluene-d8	10.332	98	735166	50.753	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.500%		
62) 4-Bromofluorobenzene	12.620	95	277009	51.288	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	200668	41.326	ug/l	96
3) Chloromethane	2.209	50	203125	40.224	ug/l	98
4) Vinyl Chloride	2.350	62	197719	43.635	ug/l	100
5) Bromomethane	2.762	94	131982	47.268	ug/l	99
6) Chloroethane	2.921	64	122897	43.517	ug/l	98
7) Trichlorofluoromethane	3.273	101	357378	45.040	ug/l	100
8) Diethyl Ether	3.709	74	106381	46.765	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.091	101	217435	46.157	ug/l	97
10) Methyl Iodide	4.291	142	214993	45.477	ug/l	99
11) Tert butyl alcohol	5.215	59	92604	234.649	ug/l #	94
12) 1,1-Dichloroethene	4.068	96	191123	45.107	ug/l	89
13) Acrolein	3.920	56	51008	181.602	ug/l	99
14) Allyl chloride	4.709	41	310772	45.430	ug/l #	95
15) Acrylonitrile	5.415	53	262625	242.928	ug/l	98
16) Acetone	4.150	43	239394	282.200	ug/l	93
17) Carbon Disulfide	4.409	76	550062	41.287	ug/l	100
18) Methyl Acetate	4.709	43	123337	49.690	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	509434	50.153	ug/l	99
20) Methylene Chloride	4.962	84	249065	45.025	ug/l	90
21) trans-1,2-Dichloroethene	5.467	96	223750	46.045	ug/l	96
22) Diisopropyl ether	6.356	45	737019	48.977	ug/l	94
23) Vinyl Acetate	6.297	43	2084646	250.774	ug/l	96
24) 1,1-Dichloroethane	6.256	63	419687	46.420	ug/l	98
25) 2-Butanone	7.203	43	339392	255.370	ug/l	92
26) 2,2-Dichloropropane	7.203	77	358018	46.841	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	256942	46.166	ug/l	93
28) Bromochloromethane	7.544	49	156359	46.377	ug/l	86
29) Tetrahydrofuran	7.556	42	215456	254.338	ug/l	95
30) Chloroform	7.703	83	444282	46.442	ug/l	96
31) Cyclohexane	7.979	56	351815	44.123	ug/l	92
32) 1,1,1-Trichloroethane	7.897	97	376770	46.212	ug/l	97
36) 1,1-Dichloropropene	8.103	75	317814	48.403	ug/l	97
37) Ethyl Acetate	7.285	43	153736	50.932	ug/l	96
38) Carbon Tetrachloride	8.085	117	328067	48.133	ug/l	99
39) Methylcyclohexane	9.350	83	363871	47.776	ug/l	96
40) Benzene	8.344	78	917583	48.392	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	95610	53.197	ug/l	95
42) 1,2-Dichloroethane	8.414	62	278576	48.753	ug/l	96
43) Isopropyl Acetate	8.444	43	286527	51.430	ug/l	94
44) Trichloroethene	9.108	130	242538	47.811	ug/l	95
45) 1,2-Dichloropropane	9.379	63	240377	48.271	ug/l	95
46) Dibromomethane	9.467	93	135052	49.165	ug/l	97
47) Bromodichloromethane	9.655	83	345865	48.944	ug/l #	97
48) Methyl methacrylate	9.450	41	145726	53.468	ug/l	91
49) 1,4-Dioxane	9.450	88	31184	1008.132	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	769170	265.692	ug/l	95
52) Toluene	10.397	92	592928	50.128	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	325052	50.079	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	374654	49.683	ug/l	93
55) 1,1,2-Trichloroethane	10.791	97	187480	50.487	ug/l	98
56) Ethyl methacrylate	10.650	69	235780	53.927	ug/l	88
57) 1,3-Dichloropropane	10.938	76	321309	50.422	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	567428	267.678	ug/l	97
59) 2-Hexanone	10.973	43	540312	277.370	ug/l	96
60) Dibromochloromethane	11.132	129	233033	49.850	ug/l	97
61) 1,2-Dibromoethane	11.238	107	178450	49.372	ug/l	98
64) Tetrachloroethene	10.867	164	191828	48.062	ug/l	92
65) Chlorobenzene	11.661	112	626535	49.621	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	241004	50.788	ug/l	98
67) Ethyl Benzene	11.732	91	1131324	51.773	ug/l	100
68) m/p-Xylenes	11.844	106	877167	104.210	ug/l	99
69) o-Xylene	12.167	106	409225	52.056	ug/l	95
70) Styrene	12.185	104	726222	53.319	ug/l	97
71) Bromoform	12.349	173	134079	52.135	ug/l #	98
73) Isopropylbenzene	12.467	105	1075384	52.699	ug/l	100
74) N-amyl acetate	12.279	43	280340	55.166	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	215267	52.260	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	157693m	53.920	ug/l	
77) Bromobenzene	12.749	156	249152	51.418	ug/l	97
78) n-propylbenzene	12.808	91	1344202	52.266	ug/l	99
79) 2-Chlorotoluene	12.896	91	763726	50.835	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	915092	52.887	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	68946	54.212	ug/l	91
82) 4-Chlorotoluene	12.991	91	811053	51.669	ug/l	100
83) tert-Butylbenzene	13.208	119	791542	53.808	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	908749	52.543	ug/l	99
85) sec-Butylbenzene	13.391	105	1175116	52.964	ug/l	99
86) p-Isopropyltoluene	13.502	119	970029	53.325	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	490483	50.246	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	491383	50.549	ug/l	100
89) n-Butylbenzene	13.826	91	936261	53.131	ug/l	99
90) Hexachloroethane	14.096	117	189987	50.982	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	437240	51.395	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.491	75	32770	50.186	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	261061	51.815	ug/l	99
94) Hexachlorobutadiene	15.249	225	136956	49.774	ug/l	99
95) Naphthalene	15.385	128	517013	55.813	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	230133	51.527	ug/l	98

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

