

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060222\
 Data File : VD073473.D
 Acq On : 02 Jun 2022 17:03
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/03/2022
 Supervised By :Semsettin Yesilyurt 06/03/2022

Quant Time: Jun 03 01:30:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	328873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	544311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	523632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	268225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	175014	48.153	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.300%		
35) Dibromofluoromethane	7.908	113	181659	50.577	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.160%		
50) Toluene-d8	10.332	98	668232	50.471	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.940%		
62) 4-Bromofluorobenzene	12.620	95	256436	55.190	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	110.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	177192	53.920	ug/l	100
3) Chloromethane	2.209	50	161598	43.488	ug/l	99
4) Vinyl Chloride	2.344	62	159698	46.999	ug/l	98
5) Bromomethane	2.756	94	107822	49.454	ug/l	96
6) Chloroethane	2.909	64	97458	46.657	ug/l	98
7) Trichlorofluoromethane	3.267	101	304072	50.609	ug/l	97
8) Diethyl Ether	3.703	74	85845	51.997	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.085	101	181060	50.507	ug/l	94
10) Methyl Iodide	4.291	142	182685	47.233	ug/l	97
11) Tert butyl alcohol	5.208	59	62489	110.817	ug/l #	84
12) 1,1-Dichloroethene	4.056	96	164041	49.633	ug/l	90
13) Acrolein	3.914	56	31626	133.767	ug/l	99
14) Allyl chloride	4.703	41	258840	48.518	ug/l #	91
15) Acrylonitrile	5.409	53	188447	249.617	ug/l	98
16) Acetone	4.150	43	149110	236.857	ug/l	93
17) Carbon Disulfide	4.397	76	527874	48.179	ug/l	98
18) Methyl Acetate	4.709	43	83763	47.850	ug/l #	89
19) Methyl tert-butyl Ether	5.467	73	393023	52.198	ug/l	99
20) Methylene Chloride	4.950	84	208109	52.301	ug/l #	84
21) trans-1,2-Dichloroethene	5.461	96	199575	49.942	ug/l	92
22) Diisopropyl ether	6.356	45	556877	49.794	ug/l	93
23) Vinyl Acetate	6.297	43	1508961	252.954	ug/l #	92
24) 1,1-Dichloroethane	6.255	63	340989	47.501	ug/l	99
25) 2-Butanone	7.203	43	227133	246.607	ug/l	92
26) 2,2-Dichloropropane	7.197	77	302038	49.337	ug/l	96
27) cis-1,2-Dichloroethene	7.203	96	221420	50.075	ug/l	89
28) Bromochloromethane	7.532	49	111782	45.199	ug/l #	78
29) Tetrahydrofuran	7.555	42	150834	253.266	ug/l #	90
30) Chloroform	7.697	83	366270	48.873	ug/l	99
31) Cyclohexane	7.979	56	294067	46.300	ug/l	89
32) 1,1,1-Trichloroethane	7.897	97	315723	48.167	ug/l	96
36) 1,1-Dichloropropene	8.102	75	269976	49.978	ug/l	95
37) Ethyl Acetate	7.285	43	110571	51.821	ug/l #	95
38) Carbon Tetrachloride	8.085	117	284444	51.946	ug/l	97
39) Methylcyclohexane	9.344	83	313841	52.132	ug/l	98
40) Benzene	8.344	78	779406	50.064	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	52426	42.171	ug/l #	75
42) 1,2-Dichloroethane	8.414	62	218258	50.384	ug/l	96
43) Isopropyl Acetate	8.444	43	205164	52.021	ug/l #	94
44) Trichloroethene	9.102	130	213323	51.384	ug/l	92
45) 1,2-Dichloropropane	9.379	63	194047	49.493	ug/l	94
46) Dibromomethane	9.467	93	108190	50.243	ug/l	95
47) Bromodichloromethane	9.649	83	275037	49.919	ug/l	97
48) Methyl methacrylate	9.444	41	102227	51.520	ug/l #	87
49) 1,4-Dioxane	9.455	88	24288	1092.215	ug/l	90
51) 4-Methyl-2-Pentanone	10.214	43	545731	266.421	ug/l	92
52) Toluene	10.391	92	514748	52.323	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	257178	51.667	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	305820	51.342	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	151446	52.010	ug/l	98
56) Ethyl methacrylate	10.649	69	185869	57.411	ug/l #	81
57) 1,3-Dichloropropane	10.932	76	252512	51.682	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	401331	259.972	ug/l	94
59) 2-Hexanone	10.973	43	377299	279.384	ug/l	91
60) Dibromochloromethane	11.126	129	193214	53.214	ug/l	98
61) 1,2-Dibromoethane	11.232	107	145781	52.392	ug/l	98
64) Tetrachloroethene	10.867	164	178572	52.067	ug/l	97
65) Chlorobenzene	11.661	112	547921	51.006	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	205150	51.494	ug/l	99
67) Ethyl Benzene	11.732	91	977350	51.828	ug/l	98
68) m/p-Xylenes	11.843	106	780668	106.555	ug/l	97
69) o-Xylene	12.167	106	357466	53.112	ug/l	97
70) Styrene	12.179	104	625703	54.035	ug/l	97
71) Bromoform	12.343	173	111769	54.511	ug/l #	99
73) Isopropylbenzene	12.467	105	956733	50.034	ug/l	99
74) N-amyl acetate	12.273	43	204480	49.019	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.714	83	174977	49.616	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	115911m	44.043	ug/l	
77) Bromobenzene	12.749	156	219796	48.830	ug/l	92
78) n-propylbenzene	12.808	91	1194131	49.744	ug/l	98
79) 2-Chlorotoluene	12.890	91	671297	48.432	ug/l	96
80) 1,3,5-Trimethylbenzene	12.943	105	825354	50.954	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	55101	50.263	ug/l	87
82) 4-Chlorotoluene	12.990	91	712400	49.036	ug/l	98
83) tert-Butylbenzene	13.208	119	679868	49.802	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	817098	51.063	ug/l	98
85) sec-Butylbenzene	13.385	105	1040505	49.917	ug/l	98
86) p-Isopropyltoluene	13.502	119	867533	51.056	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	451755	49.792	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	449877	49.121	ug/l	99
89) n-Butylbenzene	13.826	91	828394	51.167	ug/l	99
90) Hexachloroethane	14.096	117	170020	48.358	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	388095	49.438	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	27254	50.464	ug/l	88
93) 1,2,4-Trichlorobenzene	15.143	180	236636	53.096	ug/l	99
94) Hexachlorobutadiene	15.249	225	128127	51.018	ug/l	97
95) Naphthalene	15.379	128	433708	49.453	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	209262	52.964	ug/l	99

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

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