

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
 Data File : VD073503.D
 Acq On : 09 Jun 2022 11:24
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/10/2022
 Supervised By : Mahesh Dadoda 06/10/2022

Quant Time: Jun 09 12:19:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 11:54:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	344179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	554294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	529097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	264830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	175553	46.369	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.740%		
35) Dibromofluoromethane	7.908	113	179860	49.369	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.740%		
50) Toluene-d8	10.332	98	706000	52.156	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.320%		
62) 4-Bromofluorobenzene	12.620	95	252789	52.850	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	105.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	155219	44.949	ug/l	98
3) Chloromethane	2.209	50	160082	41.523	ug/l	100
4) Vinyl Chloride	2.344	62	156512	44.385	ug/l	96
5) Bromomethane	2.762	94	107258	42.095	ug/l	97
6) Chloroethane	2.915	64	99337	45.679	ug/l	99
7) Trichlorofluoromethane	3.268	101	309272	48.797	ug/l	98
8) Diethyl Ether	3.709	74	86250	49.803	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.091	101	181261	47.980	ug/l	96
10) Methyl Iodide	4.297	142	196830	48.808	ug/l	99
11) Tert butyl alcohol	5.191	59	110092	179.779	ug/l #	74
12) 1,1-Dichloroethene	4.062	96	168755	48.698	ug/l	86
13) Acrolein	3.915	56	36158	142.179	ug/l	97
14) Allyl chloride	4.709	41	243938	44.391	ug/l #	90
15) Acrylonitrile	5.414	53	193266	244.451	ug/l	98
16) Acetone	4.150	43	147481	222.736	ug/l #	88
17) Carbon Disulfide	4.403	76	546979	47.570	ug/l	99
18) Methyl Acetate	4.715	43	81176	44.631	ug/l #	90
19) Methyl tert-butyl Ether	5.473	73	402845	50.816	ug/l	98
20) Methylene Chloride	4.950	84	205854	41.700	ug/l #	82
21) trans-1,2-Dichloroethene	5.467	96	206972	49.304	ug/l	86
22) Diisopropyl ether	6.362	45	554278	47.818	ug/l #	91
23) Vinyl Acetate	6.297	43	1525546	245.377	ug/l #	94
24) 1,1-Dichloroethane	6.256	63	345084	46.136	ug/l	100
25) 2-Butanone	7.209	43	225103	233.762	ug/l #	88
26) 2,2-Dichloropropane	7.203	77	304993	47.535	ug/l	95
27) cis-1,2-Dichloroethene	7.203	96	222740	48.216	ug/l	90
28) Bromochloromethane	7.538	49	132632	50.859	ug/l #	74
29) Tetrahydrofuran	7.556	42	154162	246.639	ug/l #	88
30) Chloroform	7.703	83	367889	46.989	ug/l	94
31) Cyclohexane	7.979	56	313770	47.122	ug/l	89
32) 1,1,1-Trichloroethane	7.897	97	333422	48.410	ug/l	94
36) 1,1-Dichloropropene	8.103	75	282369	50.953	ug/l	96
37) Ethyl Acetate	7.285	43	110867	50.510	ug/l #	96
38) Carbon Tetrachloride	8.091	117	292057	51.969	ug/l	98
39) Methylcyclohexane	9.350	83	342887	55.053	ug/l	99
40) Benzene	8.344	78	812749	50.849	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	64408	49.551	ug/l #	86
42) 1,2-Dichloroethane	8.420	62	220057	49.727	ug/l	96
43) Isopropyl Acetate	8.444	43	206821	51.222	ug/l #	91
44) Trichloroethene	9.108	130	224097	52.353	ug/l	93
45) 1,2-Dichloropropane	9.379	63	195488	49.007	ug/l	98
46) Dibromomethane	9.467	93	107966	49.145	ug/l	92
47) Bromodichloromethane	9.655	83	279646	49.663	ug/l	96
48) Methyl methacrylate	9.450	41	105775	51.943	ug/l #	88
49) 1,4-Dioxane	9.455	88	25051	1082.788	ug/l #	95
51) 4-Methyl-2-Pentanone	10.220	43	537577	256.684	ug/l	91
52) Toluene	10.397	92	532249	52.748	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	264571	51.634	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	305838	50.298	ug/l #	89
55) 1,1,2-Trichloroethane	10.791	97	154839	51.636	ug/l	97
56) Ethyl methacrylate	10.650	69	184163	55.407	ug/l #	84
57) 1,3-Dichloropropane	10.938	76	260779	52.013	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	379980	279.972	ug/l	95
59) 2-Hexanone	10.973	43	364429	263.358	ug/l	90
60) Dibromochloromethane	11.132	129	196827	52.471	ug/l	98
61) 1,2-Dibromoethane	11.238	107	150252	52.256	ug/l	100
64) Tetrachloroethene	10.867	164	190097	53.786	ug/l	99
65) Chlorobenzene	11.661	112	566828	51.695	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	215327	52.837	ug/l	98
67) Ethyl Benzene	11.732	91	1034020	53.764	ug/l	99
68) m/p-Xylenes	11.844	106	806758	108.212	ug/l	98
69) o-Xylene	12.167	106	372897	54.286	ug/l	96
70) Styrene	12.185	104	651599	55.121	ug/l	96
71) Bromoform	12.349	173	112696	53.475	ug/l #	97
73) Isopropylbenzene	12.467	105	1000837	52.906	ug/l	99
74) N-amyl acetate	12.279	43	203939	49.787	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.720	83	170421	48.960	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	128875m	49.817	ug/l	
77) Bromobenzene	12.749	156	229141	51.247	ug/l	91
78) n-propylbenzene	12.808	91	1239945	52.305	ug/l	98
79) 2-Chlorotoluene	12.896	91	703217	51.314	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	854154	53.184	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	55262	51.075	ug/l	88
82) 4-Chlorotoluene	12.991	91	736169	51.306	ug/l	97
83) tert-Butylbenzene	13.208	119	744440	54.627	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	852038	53.510	ug/l	98
85) sec-Butylbenzene	13.385	105	1097598	53.026	ug/l	98
86) p-Isopropyltoluene	13.502	119	914933	54.117	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	469767	51.985	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	466794	51.116	ug/l	99
89) n-Butylbenzene	13.826	91	862488	53.713	ug/l	98
90) Hexachloroethane	14.096	117	177167	50.775	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	401241	51.454	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	26430	49.360	ug/l	80
93) 1,2,4-Trichlorobenzene	15.143	180	245657	55.069	ug/l	99
94) Hexachlorobutadiene	15.249	225	137497	54.102	ug/l	99
95) Naphthalene	15.385	128	440724	55.920	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	216422	54.731	ug/l	100

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

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