

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061522\
 Data File : VD073602.D
 Acq On : 15 Jun 2022 20:28
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Mahesh Dadoda 06/16/2022
 Supervised By : Semsettin Yesilyurt 06/16/2022

Quant Time: Jun 16 06:04:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	322301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	543422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	524034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	256546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	190050	54.948	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.900%			
35) Dibromofluoromethane	7.909	113	196518	56.238	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.480%			
50) Toluene-d8	10.332	98	753482	57.030	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.060%			
62) 4-Bromofluorobenzene	12.620	95	280899	58.566	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 117.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	146357	47.617	ug/l	99
3) Chloromethane	2.209	50	160899	51.045	ug/l	96
4) Vinyl Chloride	2.344	62	153506	51.939	ug/l	97
5) Bromomethane	2.750	94	106709	50.365	ug/l	91
6) Chloroethane	2.915	64	100411	53.314	ug/l	98
7) Trichlorofluoromethane	3.262	101	300244	51.844	ug/l	97
8) Diethyl Ether	3.703	74	96105	57.986	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.085	101	183499	55.402	ug/l	94
10) Methyl Iodide	4.291	142	186747	47.202	ug/l	96
11) Tert butyl alcohol	5.221	59	73061	73.537	ug/l #	88
12) 1,1-Dichloroethene	4.056	96	167422	53.236	ug/l	88
13) Acrolein	3.915	56	25805	169.398	ug/l	100
14) Allyl chloride	4.709	41	262972	56.169	ug/l #	90
15) Acrylonitrile	5.415	53	221448	297.542	ug/l	98
16) Acetone	4.150	43	159877	262.525	ug/l #	88
17) Carbon Disulfide	4.403	76	503941	50.555	ug/l	99
18) Methyl Acetate	4.715	43	95336	55.380	ug/l	92
19) Methyl tert-butyl Ether	5.473	73	453867	60.471	ug/l	100
20) Methylene Chloride	4.956	84	216979	57.341	ug/l	85
21) trans-1,2-Dichloroethene	5.462	96	204165	53.667	ug/l	90
22) Diisopropyl ether	6.356	45	610760	60.455	ug/l #	94
23) Vinyl Acetate	6.303	43	1708521	311.731	ug/l #	93
24) 1,1-Dichloroethane	6.256	63	366417	56.580	ug/l	99
25) 2-Butanone	7.209	43	258952	288.984	ug/l	94
26) 2,2-Dichloropropane	7.203	77	293616	50.570	ug/l	96
27) cis-1,2-Dichloroethene	7.209	96	241177	58.645	ug/l	88
28) Bromochloromethane	7.538	49	148351	58.366	ug/l #	75
29) Tetrahydrofuran	7.556	42	178615	312.468	ug/l	90
30) Chloroform	7.703	83	398922	57.657	ug/l	100
31) Cyclohexane	7.979	56	313274	53.768	ug/l	89
32) 1,1,1-Trichloroethane	7.897	97	340485	55.850	ug/l	96
36) 1,1-Dichloropropene	8.103	75	285745	54.445	ug/l	96
37) Ethyl Acetate	7.291	43	126237	59.546	ug/l #	93
38) Carbon Tetrachloride	8.085	117	297047	54.103	ug/l	99
39) Methylcyclohexane	9.350	83	343654	56.188	ug/l	96
40) Benzene	8.344	78	840103	55.029	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.515	41	74795	65.075	ug/l #	90
42) 1,2-Dichloroethane	8.414	62	239875	56.831	ug/l	95
43) Isopropyl Acetate	8.444	43	242611	59.480	ug/l #	93
44) Trichloroethene	9.109	130	233652	54.951	ug/l	89
45) 1,2-Dichloropropane	9.379	63	216014	57.118	ug/l	100
46) Dibromomethane	9.467	93	121398	56.982	ug/l	94
47) Bromodichloromethane	9.650	83	305552	57.237	ug/l #	98
48) Methyl methacrylate	9.450	41	123867	61.306	ug/l #	88
49) 1,4-Dioxane	9.456	88	29282	1194.988	ug/l #	86
51) 4-Methyl-2-Pentanone	10.220	43	628631	304.583	ug/l	90
52) Toluene	10.397	92	564780	57.681	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	281899	56.303	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	330297	56.328	ug/l #	87
55) 1,1,2-Trichloroethane	10.791	97	174488	57.425	ug/l	97
56) Ethyl methacrylate	10.650	69	218674	62.813	ug/l #	82
57) 1,3-Dichloropropane	10.938	76	292347	59.070	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	398537	278.438	ug/l	93
59) 2-Hexanone	10.973	43	433899	306.976	ug/l	91
60) Dibromochloromethane	11.132	129	218444	58.249	ug/l	99
61) 1,2-Dibromoethane	11.238	107	171549	59.254	ug/l	100
64) Tetrachloroethene	10.867	164	190383	53.364	ug/l	94
65) Chlorobenzene	11.661	112	616554	57.183	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	230628	56.375	ug/l	98
67) Ethyl Benzene	11.732	91	1082325	57.442	ug/l	99
68) m/p-Xylenes	11.844	106	843769	114.113	ug/l	97
69) o-Xylene	12.167	106	403705	59.336	ug/l	94
70) Styrene	12.185	104	697351	59.420	ug/l	97
71) Bromoform	12.350	173	128388	57.395	ug/l #	96
73) Isopropylbenzene	12.467	105	1054790	59.318	ug/l	100
74) N-amyl acetate	12.279	43	241867	61.142	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.714	83	197794	58.594	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	134372m	53.916	ug/l	
77) Bromobenzene	12.750	156	253654	58.409	ug/l	89
78) n-propylbenzene	12.808	91	1296414	58.571	ug/l	98
79) 2-Chlorotoluene	12.897	91	750016	58.295	ug/l	96
80) 1,3,5-Trimethylbenzene	12.944	105	906008	59.075	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	62699	59.049	ug/l	86
82) 4-Chlorotoluene	12.991	91	783080	57.733	ug/l	98
83) tert-Butylbenzene	13.208	119	755855	58.313	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	899727	58.779	ug/l	99
85) sec-Butylbenzene	13.385	105	1135692	58.488	ug/l	98
86) p-Isopropyltoluene	13.502	119	962824	59.484	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	498234	56.187	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	498422	56.817	ug/l	99
89) n-Butylbenzene	13.826	91	892744	58.467	ug/l	98
90) Hexachloroethane	14.097	117	187446	55.920	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	441857	57.772	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	30653	56.857	ug/l	85
93) 1,2,4-Trichlorobenzene	15.144	180	263859	57.611	ug/l	100
94) Hexachlorobutadiene	15.249	225	140652	55.985	ug/l	98
95) Naphthalene	15.379	128	510946	54.707	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	233941	58.497	ug/l	99

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

