

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073295.D
 Acq On : 23 May 2022 22:05
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 24 03:29:40 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

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	292905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	502969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	497751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	243367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	184560	57.015	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.040%			
35) Dibromofluoromethane	7.908	113	186801	56.284	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.560%			
50) Toluene-d8	10.332	98	671171	54.859	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.720%			
62) 4-Bromofluorobenzene	12.620	95	248379	57.849	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 115.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	121994	41.682	ug/l	100
3) Chloromethane	2.209	50	135367	40.902	ug/l	96
4) Vinyl Chloride	2.344	62	124960	41.292	ug/l	99
5) Bromomethane	2.756	94	91812	47.089	ug/l	93
6) Chloroethane	2.915	64	85257	45.828	ug/l	98
7) Trichlorofluoromethane	3.262	101	250372	46.789	ug/l	100
8) Diethyl Ether	3.709	74	85835	58.375	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.091	101	150800	47.231	ug/l	96
10) Methyl Iodide	4.291	142	159522	46.309	ug/l	99
11) Tert butyl alcohol	5.214	59	98752	196.630	ug/l #	90
12) 1,1-Dichloroethene	4.056	96	143671	48.808	ug/l	87
13) Acrolein	3.920	56	53245	269.874	ug/l	100
14) Allyl chloride	4.709	41	238151	50.121	ug/l	91
15) Acrylonitrile	5.414	53	216030	321.292	ug/l	96
16) Acetone	4.156	43	155669	277.641	ug/l	91
17) Carbon Disulfide	4.403	76	391819	40.153	ug/l	99
18) Methyl Acetate	4.709	43	98078	62.907	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	414007	61.737	ug/l	96
20) Methylene Chloride	4.956	84	248877	71.715	ug/l	88
21) trans-1,2-Dichloroethene	5.461	96	175377	49.276	ug/l	85
22) Diisopropyl ether	6.361	45	584284	58.660	ug/l	93
23) Vinyl Acetate	6.297	43	1638839	308.462	ug/l #	94
24) 1,1-Dichloroethane	6.256	63	328869	51.439	ug/l	98
25) 2-Butanone	7.208	43	261772	319.116	ug/l	92
26) 2,2-Dichloropropane	7.203	77	251227	46.077	ug/l	96
27) cis-1,2-Dichloroethene	7.203	96	214542	54.478	ug/l	89
28) Bromochloromethane	7.538	49	123088	55.883	ug/l #	82
29) Tetrahydrofuran	7.555	42	171261	322.877	ug/l	91
30) Chloroform	7.703	83	357154	53.508	ug/l	97
31) Cyclohexane	7.979	56	247796	43.805	ug/l	88
32) 1,1,1-Trichloroethane	7.897	97	293610	50.294	ug/l	95
36) 1,1-Dichloropropene	8.108	75	240972	48.276	ug/l	96
37) Ethyl Acetate	7.285	43	121516	61.632	ug/l #	94
38) Carbon Tetrachloride	8.091	117	251468	49.699	ug/l	98
39) Methylcyclohexane	9.350	83	263597	47.385	ug/l	96
40) Benzene	8.344	78	747256	51.944	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	64408	56.068	ug/l #	86
42) 1,2-Dichloroethane	8.414	62	224830	56.168	ug/l	97
43) Isopropyl Acetate	8.444	43	228039	62.573	ug/l #	94
44) Trichloroethene	9.102	130	196009	51.094	ug/l	93
45) 1,2-Dichloropropane	9.379	63	201000	55.480	ug/l	95
46) Dibromomethane	9.467	93	112774	56.677	ug/l	98
47) Bromodichloromethane	9.649	83	284339	55.849	ug/l	99
48) Methyl methacrylate	9.449	41	106228	57.937	ug/l #	80
49) 1,4-Dioxane	9.455	88	26777	1303.119	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	622983	329.133	ug/l	93
52) Toluene	10.397	92	486826	53.552	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	260123	56.555	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	308747	56.093	ug/l #	89
55) 1,1,2-Trichloroethane	10.791	97	156056	57.998	ug/l	98
56) Ethyl methacrylate	10.649	69	191847	64.128	ug/l	88
57) 1,3-Dichloropropane	10.938	76	261603	57.944	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	436078	301.896	ug/l	96
59) 2-Hexanone	10.973	43	421061	337.417	ug/l	93
60) Dibromochloromethane	11.132	129	198476	59.157	ug/l	98
61) 1,2-Dibromoethane	11.238	107	152686	59.385	ug/l	99
64) Tetrachloroethene	10.867	164	155443	47.680	ug/l	98
65) Chlorobenzene	11.661	112	528522	51.759	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	202109	53.369	ug/l	98
67) Ethyl Benzene	11.732	91	920251	51.338	ug/l	98
68) m/p-Xylenes	11.843	106	729896	104.805	ug/l	98
69) o-Xylene	12.167	106	344155	53.793	ug/l	96
70) Styrene	12.185	104	607917	55.229	ug/l	98
71) Bromoform	12.349	173	114833	58.917	ug/l #	99
73) Isopropylbenzene	12.467	105	890067	51.302	ug/l	100
74) N-amyl acetate	12.273	43	229632	60.672	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	183749	57.426	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	126327m	52.904	ug/l	
77) Bromobenzene	12.749	156	217814	53.332	ug/l	94
78) n-propylbenzene	12.808	91	1114717	51.179	ug/l	99
79) 2-Chlorotoluene	12.896	91	654402	52.036	ug/l	98
80) 1,3,5-Trimethylbenzene	12.943	105	776546	52.838	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	56542	56.846	ug/l	90
82) 4-Chlorotoluene	12.990	91	686022	52.044	ug/l	99
83) tert-Butylbenzene	13.208	119	630298	50.887	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	771115	53.111	ug/l	99
85) sec-Butylbenzene	13.385	105	958562	50.683	ug/l	99
86) p-Isopropyltoluene	13.502	119	803364	52.109	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	441148	53.589	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	430944	51.859	ug/l	99
89) n-Butylbenzene	13.826	91	766482	52.178	ug/l	99
90) Hexachloroethane	14.096	117	162221	50.852	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	390424	54.815	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	28221	57.592	ug/l	88
93) 1,2,4-Trichlorobenzene	15.143	180	229350	56.718	ug/l	99
94) Hexachlorobutadiene	15.243	225	112309	49.287	ug/l	97
95) Naphthalene	15.379	128	450514	56.103	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	207975	58.015	ug/l	98

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

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