

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD073007.D
 Acq On : 13 May 2022 23:38
 Operator : VA/SY
 Sample : N2816-08MS
 Misc : 5.90G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS002-1218-01MS

Quant Time: May 16 05:18:07 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

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/16/2022
 Supervised By :Mahesh Dadoda 05/16/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	287083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	480508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	457780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	224528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	172966	46.414	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.820%		
35) Dibromofluoromethane	7.909	113	173376	51.376	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.760%		
50) Toluene-d8	10.332	98	591071	48.828	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.660%		
62) 4-Bromofluorobenzene	12.620	95	229147	50.767	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	140283	35.362	ug/l	99
3) Chloromethane	2.209	50	151304	36.674	ug/l	97
4) Vinyl Chloride	2.344	62	138085	37.300	ug/l	97
5) Bromomethane	2.762	94	100926	44.141	ug/l	99
6) Chloroethane	2.915	64	91023	39.451	ug/l	96
7) Trichlorofluoromethane	3.268	101	259300	40.000	ug/l	99
8) Diethyl Ether	3.709	74	92471	49.756	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.097	101	157218	40.850	ug/l	96
10) Methyl Iodide	4.297	142	166230	43.038	ug/l	98
11) Tert butyl alcohol	5.220	59	76039	235.835	ug/l	95
12) 1,1-Dichloroethene	4.062	96	144550	41.757	ug/l	91
13) Acrolein	3.921	56	17164	64.127	ug/l	96
14) Allyl chloride	4.709	41	260570	46.623	ug/l	91
15) Acrylonitrile	5.415	53	213145	241.322	ug/l	98
16) Acetone	4.156	43	203173	293.724	ug/l	90
17) Carbon Disulfide	4.409	76	407461	37.434	ug/l	99
18) Methyl Acetate	4.715	43	138758	68.519	ug/l	92
19) Methyl tert-butyl Ether	5.479	73	432520	52.119	ug/l	98
20) Methylene Chloride	4.956	84	225331	50.631	ug/l	85
21) trans-1,2-Dichloroethene	5.462	96	173402	43.677	ug/l	86
22) Diisopropyl ether	6.362	45	619330	50.375	ug/l	91
23) Vinyl Acetate	6.303	43	1188980m	175.068	ug/l	
24) 1,1-Dichloroethane	6.262	63	345388	46.760	ug/l	97
25) 2-Butanone	7.203	43	274280	252.606	ug/l	96
26) 2,2-Dichloropropane	7.203	77	268242	42.957	ug/l	96
27) cis-1,2-Dichloroethene	7.209	96	217581	47.851	ug/l	92
28) Bromochloromethane	7.538	49	150694	54.708	ug/l	87
29) Tetrahydrofuran	7.556	42	172505	249.250	ug/l	94
30) Chloroform	7.703	83	371458	47.527	ug/l	99
31) Cyclohexane	7.979	56	258741	39.719	ug/l	92
32) 1,1,1-Trichloroethane	7.897	97	302168	45.363	ug/l	96
36) 1,1-Dichloropropene	8.109	75	246531	44.928	ug/l	97
37) Ethyl Acetate	7.285	43	112535	44.612	ug/l #	95
38) Carbon Tetrachloride	8.091	117	260021	45.649	ug/l	95
39) Methylcyclohexane	9.350	83	266264	41.833	ug/l	97
40) Benzene	8.344	78	753872	47.574	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	80433	53.551	ug/l	96
42) 1,2-Dichloroethane	8.420	62	234750	49.160	ug/l	98
43) Isopropyl Acetate	8.444	43	224010	48.114	ug/l #	95
44) Trichloroethene	9.108	130	196327	46.310	ug/l	97
45) 1,2-Dichloropropane	9.379	63	207265	49.804	ug/l	96
46) Dibromomethane	9.467	93	114172	49.735	ug/l	99
47) Bromodichloromethane	9.655	83	295292	50.003	ug/l #	98
48) Methyl methacrylate	9.450	41	119992	52.681	ug/l	90
49) 1,4-Dioxane	9.450	88	27416	1060.561	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	626903	259.121	ug/l	95
52) Toluene	10.397	92	488226	49.391	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	270097	49.793	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	315103	50.000	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	158689	51.135	ug/l	96
56) Ethyl methacrylate	10.655	69	188205	51.508	ug/l	87
57) 1,3-Dichloropropane	10.938	76	270852	50.860	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	476895	269.197	ug/l	97
59) 2-Hexanone	10.973	43	431101	264.813	ug/l	94
60) Dibromochloromethane	11.132	129	199372	51.034	ug/l	100
61) 1,2-Dibromoethane	11.238	107	149175	49.386	ug/l	97
64) Tetrachloroethene	10.867	164	181155	54.126	ug/l	99
65) Chlorobenzene	11.661	112	527303	49.801	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	206997	52.020	ug/l	98
67) Ethyl Benzene	11.738	91	913953	49.877	ug/l	98
68) m/p-Xylenes	11.844	106	714019	101.158	ug/l	98
69) o-Xylene	12.173	106	341886	51.862	ug/l	96
70) Styrene	12.185	104	607916	53.225	ug/l	97
71) Bromoform	12.349	173	111265	51.593	ug/l #	97
73) Isopropylbenzene	12.467	105	877233	50.217	ug/l	100
74) N-amyl acetate	12.279	43	189268	43.507	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	179367	50.865	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	129989m	51.920	ug/l	
77) Bromobenzene	12.749	156	213572	51.485	ug/l	94
78) n-propylbenzene	12.808	91	1078405	48.981	ug/l	98
79) 2-Chlorotoluene	12.897	91	642548	49.960	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	747644	50.474	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	55755	51.211	ug/l	87
82) 4-Chlorotoluene	12.991	91	671714	49.987	ug/l	100
83) tert-Butylbenzene	13.208	119	631297	50.130	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	757897	51.189	ug/l	100
85) sec-Butylbenzene	13.385	105	946877	49.853	ug/l	99
86) p-Isopropyltoluene	13.502	119	772590	49.612	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	412680	49.384	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	412041	49.513	ug/l	99
89) n-Butylbenzene	13.826	91	725503	48.093	ug/l	99
90) Hexachloroethane	14.096	117	158051	49.543	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	370406	50.860	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	28348	50.713	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	209040	48.466	ug/l	99
94) Hexachlorobutadiene	15.249	225	105810	44.920	ug/l	98
95) Naphthalene	15.379	128	429554	54.168	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	195138	51.038	ug/l	99

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

