

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073246.D
 Acq On : 21 May 2022 23:17
 Operator : VA/SY
 Sample : N2920-11MS
 Misc : 5.28G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P024-SS001-2430-01MS

Quant Time: May 22 01:35:22 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	7.967	168	242372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	434539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	412937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	193583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	159253	59.455	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.900%			
35) Dibromofluoromethane	7.903	113	161914	56.468	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.940%			
50) Toluene-d8	10.332	98	586645	55.502	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.000%			
62) 4-Bromofluorobenzene	12.620	95	196800	53.054	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	108890	44.961	ug/l	93
3) Chloromethane	2.209	50	119983	43.813	ug/l	97
4) Vinyl Chloride	2.344	62	111886	44.680	ug/l	100
5) Bromomethane	2.756	94	76272	47.292	ug/l	91
6) Chloroethane	2.915	64	76852	49.923	ug/l	94
7) Trichlorofluoromethane	3.262	101	218528	49.352	ug/l	98
8) Diethyl Ether	3.709	74	69127	56.814	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.091	101	120375	45.563	ug/l	96
10) Methyl Iodide	4.291	142	113051	39.661	ug/l	98
11) Tert butyl alcohol	5.215	59	56332	135.551	ug/l #	86
12) 1,1-Dichloroethene	4.062	96	117102	48.076	ug/l	90
13) Acrolein	3.921	56	13857	71.781	ug/l	92
14) Allyl chloride	4.709	41	196560	49.993	ug/l #	90
15) Acrylonitrile	5.420	53	140962	253.357	ug/l	96
16) Acetone	4.156	43	147890	318.761	ug/l	90
17) Carbon Disulfide	4.403	76	351585	43.542	ug/l	99
18) Methyl Acetate	4.715	43	117888	91.378	ug/l	92
19) Methyl tert-butyl Ether	5.473	73	317020	57.131	ug/l	100
20) Methylene Chloride	4.956	84	169152	58.129	ug/l #	85
21) trans-1,2-Dichloroethene	5.456	96	152460	51.768	ug/l	89
22) Diisopropyl ether	6.362	45	446921	54.224	ug/l #	86
23) Vinyl Acetate	6.356	43	332509m	75.633	ug/l	
24) 1,1-Dichloroethane	6.256	63	282728	53.442	ug/l	99
25) 2-Butanone	7.209	43	195518	288.043	ug/l	91
26) 2,2-Dichloropropane	7.197	77	187801	41.625	ug/l	93
27) cis-1,2-Dichloroethene	7.197	96	175692	53.914	ug/l	89
28) Bromochloromethane	7.538	49	106163	58.248	ug/l #	82
29) Tetrahydrofuran	7.556	42	118673	270.380	ug/l	93
30) Chloroform	7.703	83	304588	55.147	ug/l	99
31) Cyclohexane	7.979	56	198865	42.485	ug/l	90
32) 1,1,1-Trichloroethane	7.897	97	247983	51.335	ug/l	97
36) 1,1-Dichloropropene	8.103	75	204738	47.476	ug/l	96
37) Ethyl Acetate	7.285	43	38656	22.693	ug/l #	79
38) Carbon Tetrachloride	8.091	117	211922	48.479	ug/l	99
39) Methylcyclohexane	9.350	83	181445	37.753	ug/l	97
40) Benzene	8.344	78	627685	50.503	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	36878	37.158	ug/l #	81
42) 1,2-Dichloroethane	8.414	62	183612	53.094	ug/l	95
43) Isopropyl Acetate	8.444	43	105640	33.552	ug/l #	81
44) Trichloroethene	9.103	130	165075	49.807	ug/l	95
45) 1,2-Dichloropropane	9.379	63	165198	52.779	ug/l	98
46) Dibromomethane	9.467	93	90647	52.731	ug/l	96
47) Bromodichloromethane	9.656	83	237607	54.019	ug/l	98
48) Methyl methacrylate	9.450	41	88255	55.714	ug/l #	85
49) 1,4-Dioxane	9.456	88	20120	1133.347	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	440176	269.175	ug/l	93
52) Toluene	10.397	92	412573	52.531	ug/l	95
53) t-1,3-Dichloropropene	10.608	75	199857	50.294	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	236386	49.710	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	127783	54.969	ug/l	97
56) Ethyl methacrylate	10.650	69	79844	30.892	ug/l #	86
57) 1,3-Dichloropropane	10.932	76	211720	54.280	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	347962	280.481	ug/l	95
59) 2-Hexanone	10.973	43	296350	274.878	ug/l	96
60) Dibromochloromethane	11.132	129	155983	53.813	ug/l	99
61) 1,2-Dibromoethane	11.238	107	117098	52.715	ug/l	99
64) Tetrachloroethene	10.867	164	182924	67.633	ug/l	96
65) Chlorobenzene	11.655	112	419046	49.467	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	164717	52.428	ug/l	98
67) Ethyl Benzene	11.732	91	741216	49.843	ug/l	99
68) m/p-Xylenes	11.844	106	577143	99.893	ug/l	98
69) o-Xylene	12.167	106	274687	51.753	ug/l	95
70) Styrene	12.185	104	482020	52.786	ug/l	97
71) Bromoform	12.344	173	85488	52.870	ug/l #	97
73) Isopropylbenzene	12.467	105	668299	48.426	ug/l	99
74) N-amyl acetate	12.273	43	49621	16.482	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	135680	53.308	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	90287m	47.535	ug/l	
77) Bromobenzene	12.749	156	165931	51.077	ug/l	94
78) n-propylbenzene	12.808	91	823918	47.556	ug/l	100
79) 2-Chlorotoluene	12.891	91	493582	49.341	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	573331	49.043	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	36661	46.337	ug/l	90
82) 4-Chlorotoluene	12.991	91	518715	49.471	ug/l	99
83) tert-Butylbenzene	13.208	119	462794	46.972	ug/l	95
84) 1,2,4-Trimethylbenzene	13.249	105	572114	49.539	ug/l	98
85) sec-Butylbenzene	13.385	105	650199	43.220	ug/l	99
86) p-Isopropyltoluene	13.502	119	544497	44.400	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	311751	47.609	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	310250	46.937	ug/l	100
89) n-Butylbenzene	13.826	91	463930	39.704	ug/l	100
90) Hexachloroethane	14.096	117	111564	43.966	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	277803	49.033	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	20460	52.492	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	126821	39.428	ug/l	99
94) Hexachlorobutadiene	15.243	225	46591	25.705	ug/l	97
95) Naphthalene	15.379	128	254442	40.862	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	111527	39.111	ug/l	99

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

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