

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050222\
 Data File : VD072748.D
 Acq On : 02 May 2022 16:12
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD050222

Quant Time: May 03 08:34:57 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 : John Carlone 05/03/2022
 Supervised By : Mahesh Dadoda 05/03/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	352107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	589978	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	560367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	267623	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	218192	47.738	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.480%		
35) Dibromofluoromethane	7.908	113	207489	50.076	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.160%		
50) Toluene-d8	10.332	98	764758	51.454	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.900%		
62) 4-Bromofluorobenzene	12.620	95	276256	49.847	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	219703	45.154	ug/l	98
3) Chloromethane	2.209	50	225625	44.589	ug/l	95
4) Vinyl Chloride	2.350	62	211204	46.516	ug/l	98
5) Bromomethane	2.768	94	142759	51.151	ug/l	93
6) Chloroethane	2.920	64	130429	46.090	ug/l	98
7) Trichlorofluoromethane	3.273	101	369940	46.528	ug/l	99
8) Diethyl Ether	3.709	74	106639	46.783	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	217447	46.066	ug/l	98
10) Methyl Iodide	4.297	142	220615	46.571	ug/l	100
11) Tert butyl alcohol	5.203	59	79786	201.758	ug/l #	74
12) 1,1-Dichloroethene	4.067	96	199997	47.105	ug/l	92
13) Acrolein	3.920	56	59566	214.639	ug/l	100
14) Allyl chloride	4.714	41	331584	48.373	ug/l	94
15) Acrylonitrile	5.414	53	251843	232.480	ug/l	96
16) Acetone	4.162	43	208781	243.697	ug/l	100
17) Carbon Disulfide	4.409	76	624541	46.782	ug/l	98
18) Methyl Acetate	4.714	43	112188	45.083	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	502756	49.395	ug/l	99
20) Methylene Chloride	4.962	84	265678	48.395	ug/l	89
21) trans-1,2-Dichloroethene	5.467	96	236507	48.571	ug/l	93
22) Diisopropyl ether	6.361	45	743960	49.338	ug/l	93
23) Vinyl Acetate	6.303	43	2070369	248.549	ug/l	97
24) 1,1-Dichloroethane	6.256	63	429179	47.373	ug/l	99
25) 2-Butanone	7.208	43	306769	230.353	ug/l	93
26) 2,2-Dichloropropane	7.208	77	365118	47.673	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	268776	48.194	ug/l	92
28) Bromochloromethane	7.544	49	177609	52.572	ug/l	87
29) Tetrahydrofuran	7.561	42	199992	235.602	ug/l	93
30) Chloroform	7.703	83	451791	47.131	ug/l	97
31) Cyclohexane	7.985	56	373365	46.730	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	388630	47.569	ug/l	97
36) 1,1-Dichloropropene	8.108	75	327366	48.589	ug/l	97
37) Ethyl Acetate	7.285	43	148021	47.792	ug/l	96
38) Carbon Tetrachloride	8.091	117	338627	48.418	ug/l	99
39) Methylcyclohexane	9.350	83	391348	50.077	ug/l	99
40) Benzene	8.344	78	947663	48.707	ug/l	100

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41) Methacrylonitrile	7.520	41	84703	45.930	ug/l	91
42) 1,2-Dichloroethane	8.420	62	278724	47.538	ug/l	96
43) Isopropyl Acetate	8.450	43	270817	47.374	ug/l #	94
44) Trichloroethene	9.108	130	247985	47.641	ug/l	99
45) 1,2-Dichloropropane	9.379	63	243915	47.736	ug/l	97
46) Dibromomethane	9.467	93	134241	47.627	ug/l	99
47) Bromodichloromethane	9.655	83	347600	47.939	ug/l	97
48) Methyl methacrylate	9.450	41	141862	50.726	ug/l	94
49) 1,4-Dioxane	9.455	88	30099	948.306	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	720329	242.492	ug/l	95
52) Toluene	10.397	92	608830	50.163	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	325010	48.799	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	381145	49.258	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	184143	48.327	ug/l	98
56) Ethyl methacrylate	10.655	69	228238	50.874	ug/l #	87
57) 1,3-Dichloropropane	10.938	76	319347	48.839	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	568927	261.559	ug/l	97
59) 2-Hexanone	10.973	43	495301	247.796	ug/l	96
60) Dibromochloromethane	11.132	129	227258	47.378	ug/l	99
61) 1,2-Dibromoethane	11.238	107	172962	46.636	ug/l	97
64) Tetrachloroethene	10.867	164	199130	48.604	ug/l	96
65) Chlorobenzene	11.661	112	636753	49.129	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	242429	49.771	ug/l	98
67) Ethyl Benzene	11.738	91	1144166	51.009	ug/l	96
68) m/p-Xylenes	11.844	106	892952	103.348	ug/l	99
69) o-Xylene	12.173	106	419531	51.990	ug/l	98
70) Styrene	12.185	104	735152	52.582	ug/l	97
71) Bromoform	12.349	173	125495	47.539	ug/l #	96
73) Isopropylbenzene	12.467	105	1103355	52.990	ug/l	100
74) N-amyl acetate	12.279	43	267547	51.597	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	204566	48.670	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	150547m	50.449	ug/l	
77) Bromobenzene	12.749	156	249384	50.438	ug/l	96
78) n-propylbenzene	12.808	91	1377427	52.488	ug/l	100
79) 2-Chlorotoluene	12.896	91	789189	51.481	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	932949	52.842	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	64337	49.578	ug/l	93
82) 4-Chlorotoluene	12.991	91	822973	51.381	ug/l	99
83) tert-Butylbenzene	13.208	119	788932	52.560	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	921765	52.231	ug/l	98
85) sec-Butylbenzene	13.390	105	1194563	52.766	ug/l	100
86) p-Isopropyltoluene	13.502	119	972108	52.372	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	501918	50.391	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	488228	49.221	ug/l	99
89) n-Butylbenzene	13.826	91	951010	52.890	ug/l	99
90) Hexachloroethane	14.096	117	193991	51.017	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	436743	50.312	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	31547	47.348	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	260767	50.723	ug/l	99
94) Hexachlorobutadiene	15.249	225	136020	48.446	ug/l	98
95) Naphthalene	15.379	128	497429	52.626	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	230258	50.526	ug/l	99

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

