

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070622\
 Data File : VD073798.D
 Acq On : 06 Jul 2022 18:17
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD070622

Quant Time: Jul 08 06:18:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 05:39:57 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/07/2022
 Supervised By : Semsettin Yesilyurt 07/08/2022

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	113835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	214738	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	202479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	93869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	58879	42.038	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.080%		
35) Dibromofluoromethane	7.909	113	57488	43.631	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.260%		
50) Toluene-d8	10.332	98	187105	41.919	ug/l	0.00
Spiked Amount 50.000	Range 78 - 12		Recovery =	83.840%#		
62) 4-Bromofluorobenzene	12.620	95	80503	43.878	ug/l	0.00
Spiked Amount 50.000	Range 50 - 14		Recovery =	87.760%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	28894	46.409	ug/l	99
3) Chloromethane	2.203	50	39294	46.950	ug/l	98
4) Vinyl Chloride	2.344	62	53119	50.736	ug/l	95
5) Bromomethane	2.750	94	39106	52.741	ug/l	91
6) Chloroethane	2.903	64	40363	43.298	ug/l	99
7) Trichlorofluoromethane	3.262	101	85806	45.075	ug/l	89
8) Diethyl Ether	3.697	74	27136	46.545	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.079	101	51437	43.706	ug/l	100
10) Methyl Iodide	4.285	142	31969	41.304	ug/l	97
11) Tert butyl alcohol	5.232	59	55213m	115.495	ug/l	
12) 1,1-Dichloroethene	4.056	96	40164	43.037	ug/l	91
13) Acrolein	3.921	56	24908	240.562	ug/l	96
14) Allyl chloride	4.703	41	80045	45.403	ug/l	100
15) Acrylonitrile	5.415	53	82557	247.355	ug/l	98
16) Acetone	4.156	43	65143	260.050	ug/l	91
17) Carbon Disulfide	4.397	76	57627	45.525	ug/l	98
18) Methyl Acetate	4.715	43	36132	47.445	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	167487	48.677	ug/l	98
20) Methylene Chloride	4.950	84	75149	59.265	ug/l	94
21) trans-1,2-Dichloroethene	5.456	96	47395	42.697	ug/l #	95
22) Diisopropyl ether	6.362	45	220834	48.566	ug/l	98
23) Vinyl Acetate	6.297	43	635925	261.074	ug/l	95
24) 1,1-Dichloroethane	6.250	63	118698	46.487	ug/l	99
25) 2-Butanone	7.203	43	105636	229.583	ug/l	94
26) 2,2-Dichloropropane	7.197	77	108851	45.746	ug/l	100
27) cis-1,2-Dichloroethene	7.203	96	69581	44.497	ug/l	97
28) Bromochloromethane	7.538	49	48330	48.602	ug/l	99
29) Tetrahydrofuran	7.556	42	66527	244.969	ug/l	97
30) Chloroform	7.703	83	134502	47.485	ug/l	98
31) Cyclohexane	7.973	56	70975	48.318	ug/l	96
32) 1,1,1-Trichloroethane	7.891	97	110323	46.024	ug/l	98
36) 1,1-Dichloropropene	8.103	75	77252	45.827	ug/l	99
37) Ethyl Acetate	7.285	43	49823	49.558	ug/l	98
38) Carbon Tetrachloride	8.091	117	88917	46.397	ug/l	95
39) Methylcyclohexane	9.350	83	77955	44.787	ug/l	95
40) Benzene	8.344	78	233729	46.898	ug/l	96

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41) Methacrylonitrile	7.509	41	31163	56.398	ug/l	89
42) 1,2-Dichloroethane	8.414	62	83004	48.395	ug/l	99
43) Isopropyl Acetate	8.444	43	100024	49.374	ug/l	99
44) Trichloroethene	9.103	130	60893	45.958	ug/l	98
45) 1,2-Dichloropropane	9.379	63	69886	48.795	ug/l	95
46) Dibromomethane	9.467	93	39537	48.186	ug/l	99
47) Bromodichloromethane	9.650	83	108690	48.956	ug/l #	97
48) Methyl methacrylate	9.450	41	40151	43.483	ug/l	88
49) 1,4-Dioxane	9.456	88	10460	1024.537	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	265686	251.101	ug/l	100
52) Toluene	10.397	92	156163	47.366	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	101475	49.452	ug/l	93
54) cis-1,3-Dichloropropene	10.079	75	108415	47.671	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	58646	50.982	ug/l	96
56) Ethyl methacrylate	10.650	69	75446	51.374	ug/l	98
57) 1,3-Dichloropropane	10.932	76	96424	48.858	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	136525	235.270	ug/l	97
59) 2-Hexanone	10.973	43	182301	258.337	ug/l	97
60) Dibromochloromethane	11.126	129	71644	50.486	ug/l	100
61) 1,2-Dibromoethane	11.238	107	51841	48.970	ug/l	97
64) Tetrachloroethene	10.867	164	43440	49.139	ug/l	97
65) Chlorobenzene	11.661	112	179627	46.437	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	74710	50.144	ug/l	98
67) Ethyl Benzene	11.732	91	328021	46.773	ug/l	100
68) m/p-Xylenes	11.844	106	249381	94.007	ug/l	100
69) o-Xylene	12.167	106	124260	48.661	ug/l	96
70) Styrene	12.185	104	217105	48.427	ug/l	99
71) Bromoform	12.349	173	38319	50.113	ug/l #	97
73) Isopropylbenzene	12.467	105	338909	46.906	ug/l	100
74) N-amyl acetate	12.279	43	100062	49.069	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	74453	49.592	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	51100m	49.999	ug/l	
77) Bromobenzene	12.749	156	70662	46.985	ug/l	97
78) n-propylbenzene	12.808	91	423889	46.801	ug/l	99
79) 2-Chlorotoluene	12.897	91	240120	46.865	ug/l	100
80) 1,3,5-Trimethylbenzene	12.944	105	283973	47.034	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	22007	48.107	ug/l	98
82) 4-Chlorotoluene	12.991	91	253054	46.844	ug/l	100
83) tert-Butylbenzene	13.208	119	247105	46.192	ug/l	94
84) 1,2,4-Trimethylbenzene	13.255	105	285213	47.717	ug/l	99
85) sec-Butylbenzene	13.385	105	386099	47.150	ug/l	100
86) p-Isopropyltoluene	13.502	119	306793	46.984	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	148642	47.091	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	149868	46.918	ug/l	99
89) n-Butylbenzene	13.826	91	312644	47.386	ug/l	100
90) Hexachloroethane	14.096	117	62461	47.465	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	135359	48.457	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	11935	47.804	ug/l	89
93) 1,2,4-Trichlorobenzene	15.143	180	76281	47.760	ug/l	98
94) Hexachlorobutadiene	15.249	225	35168	45.668	ug/l	99
95) Naphthalene	15.379	128	175417	48.605	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	67492	47.824	ug/l	96

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

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