

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031122\
 Data File : VD072151.D
 Acq On : 11 Mar 2022 15:14
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD031122

Quant Time: Mar 14 03:12:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 03:10:12 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/16/2022
 Supervised By :Semsettin Yesilyurt 03/16/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	421573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	661771	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	602510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	300574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	226140	48.133	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.260%		
35) Dibromofluoromethane	7.909	113	224073	48.116	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.240%		
50) Toluene-d8	10.332	98	821167	48.224	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.440%		
62) 4-Bromofluorobenzene	12.626	95	303588	45.884	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	172085	44.133	ug/l	96
3) Chloromethane	2.209	50	164788	47.559	ug/l	99
4) Vinyl Chloride	2.350	62	161989	48.433	ug/l	99
5) Bromomethane	2.768	94	106787	49.032	ug/l	95
6) Chloroethane	2.921	64	106796	48.295	ug/l	98
7) Trichlorofluoromethane	3.274	101	342792	45.384	ug/l	99
8) Diethyl Ether	3.709	74	101944	48.869	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	214241	44.484	ug/l	94
10) Methyl Iodide	4.297	142	195112	45.433	ug/l	97
11) Tert butyl alcohol	5.209	59	79393	291.450	ug/l	98
12) 1,1-Dichloroethene	4.068	96	184689	47.667	ug/l	97
13) Acrolein	3.921	56	56916	234.151	ug/l	100
14) Allyl chloride	4.715	41	323783	47.796	ug/l	94
15) Acrylonitrile	5.415	53	271462	257.901	ug/l	97
16) Acetone	4.150	43	231313	226.761	ug/l	92
17) Carbon Disulfide	4.409	76	436618	48.367	ug/l	99
18) Methyl Acetate	4.715	43	114685	45.878	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	532182	50.534	ug/l	95
20) Methylene Chloride	4.962	84	244863	48.277	ug/l	87
21) trans-1,2-Dichloroethene	5.468	96	214420	50.034	ug/l	89
22) Diisopropyl ether	6.362	45	755015	48.863	ug/l #	92
23) Vinyl Acetate	6.297	43	2105846	267.044	ug/l	96
24) 1,1-Dichloroethane	6.262	63	424570	46.591	ug/l	99
25) 2-Butanone	7.203	43	330354	242.894	ug/l	95
26) 2,2-Dichloropropane	7.209	77	369502	44.940	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	261126	47.727	ug/l	94
28) Bromochloromethane	7.544	49	179795	49.010	ug/l #	83
29) Tetrahydrofuran	7.556	42	210388	263.070	ug/l	94
30) Chloroform	7.709	83	449854	46.338	ug/l	97
31) Cyclohexane	7.979	56	343069	46.738	ug/l	93
32) 1,1,1-Trichloroethane	7.897	97	389887	45.219	ug/l	98
36) 1,1-Dichloropropene	8.109	75	310880	47.586	ug/l	97
37) Ethyl Acetate	7.285	43	148290	51.818	ug/l #	96
38) Carbon Tetrachloride	8.091	117	343216	46.217	ug/l	98
39) Methylcyclohexane	9.350	83	370525	50.400	ug/l	96
40) Benzene	8.344	78	899394	48.256	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	90868	54.477	ug/l	94
42) 1,2-Dichloroethane	8.414	62	280809	49.666	ug/l	98
43) Isopropyl Acetate	8.444	43	289981	52.206	ug/l	96
44) Trichloroethene	9.109	130	248825	47.555	ug/l	91
45) 1,2-Dichloropropane	9.379	63	239373	46.830	ug/l	97
46) Dibromomethane	9.467	93	125130	49.765	ug/l	93
47) Bromodichloromethane	9.656	83	346562	47.280	ug/l	99
48) Methyl methacrylate	9.450	41	144073	54.321	ug/l	90
49) 1,4-Dioxane	9.456	88	31790	1054.329	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	767746	263.164	ug/l	95
52) Toluene	10.397	92	585922	47.775	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	328046	48.984	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	380551	49.155	ug/l	92
55) 1,1,2-Trichloroethane	10.791	97	182869	47.743	ug/l	97
56) Ethyl methacrylate	10.656	69	230886	51.464	ug/l #	86
57) 1,3-Dichloropropane	10.938	76	314125	48.865	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	507646	251.657	ug/l	96
59) 2-Hexanone	10.979	43	516037	256.105	ug/l	95
60) Dibromochloromethane	11.132	129	236424	47.568	ug/l	97
61) 1,2-Dibromoethane	11.238	107	170021	49.123	ug/l	99
64) Tetrachloroethene	10.873	164	196686	46.332	ug/l	97
65) Chlorobenzene	11.661	112	637159	47.701	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	243887	46.172	ug/l	98
67) Ethyl Benzene	11.738	91	1137951	47.699	ug/l	99
68) m/p-Xylenes	11.844	106	882208	97.386	ug/l	98
69) o-Xylene	12.173	106	418513	48.299	ug/l	97
70) Styrene	12.185	104	727994	48.113	ug/l	98
71) Bromoform	12.350	173	138113	48.949	ug/l #	98
73) Isopropylbenzene	12.473	105	1146628	48.139	ug/l	99
74) N-amyl acetate	12.279	43	276699	54.056	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	213564	50.133	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	167651m	50.564	ug/l	
77) Bromobenzene	12.749	156	262786	49.017	ug/l	91
78) n-propylbenzene	12.814	91	1392974	48.147	ug/l	98
79) 2-Chlorotoluene	12.897	91	795313	47.539	ug/l	98
80) 1,3,5-Trimethylbenzene	12.950	105	969858	47.396	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	70211	52.540	ug/l	90
82) 4-Chlorotoluene	12.997	91	826641	47.721	ug/l	99
83) tert-Butylbenzene	13.214	119	843568	47.021	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	956779	47.453	ug/l	99
85) sec-Butylbenzene	13.391	105	1269140	47.108	ug/l	99
86) p-Isopropyltoluene	13.502	119	1055930	47.630	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	525947	46.810	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	518363	46.525	ug/l	99
89) n-Butylbenzene	13.832	91	997735	47.217	ug/l	98
90) Hexachloroethane	14.097	117	198468	45.677	ug/l	94
91) 1,2-Dichlorobenzene	13.879	146	462195	47.182	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.491	75	33465	49.223	ug/l	84
93) 1,2,4-Trichlorobenzene	15.149	180	304344	46.927	ug/l	100
94) Hexachlorobutadiene	15.249	225	166948	44.253	ug/l	99
95) Naphthalene	15.385	128	567675	50.777	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	267861	47.714	ug/l	98

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

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