

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030122\
 Data File : VD072132.D
 Acq On : 01 Mar 2022 11:14
 Operator : VA/SY
 Sample : VD0301SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0301SBS01

Quant Time: Mar 02 06:07:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/02/2022
 Supervised By : Mahesh Dadoda 03/02/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	448336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	738818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	682906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	339160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	248539	53.443	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.880%			
35) Dibromofluoromethane	7.914	113	233134	52.082	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.160%			
50) Toluene-d8	10.338	98	900805	54.266	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.540%			
62) 4-Bromofluorobenzene	12.626	95	330626	54.222	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	76875	18.186	ug/l	89
3) Chloromethane	2.209	50	65243	17.232	ug/l	99
4) Vinyl Chloride	2.350	62	65468	17.156	ug/l	92
5) Bromomethane	2.762	94	41421	15.874	ug/l	85
6) Chloroethane	2.920	64	40319	16.716	ug/l	97
7) Trichlorofluoromethane	3.273	101	137414	18.612	ug/l	98
8) Diethyl Ether	3.709	74	36942	17.552	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	84417	18.301	ug/l	100
10) Methyl Iodide	4.297	142	63925	14.752	ug/l	98
11) Tert butyl alcohol	5.220	59	27622	104.098	ug/l #	92
12) 1,1-Dichloroethene	4.073	96	68464	16.710	ug/l	99
13) Acrolein	3.920	56	38822	74.195	ug/l	95
14) Allyl chloride	4.715	41	117624	16.382	ug/l	96
15) Acrylonitrile	5.426	53	108217	95.135	ug/l	100
16) Acetone	4.156	43	92020	91.556	ug/l	98
17) Carbon Disulfide	4.409	76	141494	12.904	ug/l	98
18) Methyl Acetate	4.715	43	55124	20.920	ug/l	99
19) Methyl tert-butyl Ether	5.485	73	195054	19.570	ug/l	92
20) Methylene Chloride	4.967	84	88109	17.614	ug/l	98
21) trans-1,2-Dichloroethene	5.479	96	76441	16.605	ug/l	95
22) Diisopropyl ether	6.361	45	285487	19.041	ug/l	96
23) Vinyl Acetate	6.309	43	746909	93.283	ug/l	100
24) 1,1-Dichloroethane	6.267	63	164866	18.483	ug/l	98
25) 2-Butanone	7.208	43	130270	93.778	ug/l	98
26) 2,2-Dichloropropane	7.208	77	137407	19.251	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	95922	18.186	ug/l	99
28) Bromochloromethane	7.544	49	68340	17.972	ug/l	97
29) Tetrahydrofuran	7.561	42	82078	92.582	ug/l	98
30) Chloroform	7.714	83	178962	19.541	ug/l	97
31) Cyclohexane	7.985	56	124474	15.153	ug/l #	95
32) 1,1,1-Trichloroethane	7.903	97	150596	19.108	ug/l	99
36) 1,1-Dichloropropene	8.108	75	114675	16.912	ug/l	98
37) Ethyl Acetate	7.291	43	59692	18.984	ug/l	98
38) Carbon Tetrachloride	8.097	117	131797	18.964	ug/l	99
39) Methylcyclohexane	9.355	83	120638	15.201	ug/l	97
40) Benzene	8.350	78	342549	17.903	ug/l	98

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41) Methacrylonitrile	7.514	41	37744	19.358	ug/l	95
42) 1,2-Dichloroethane	8.420	62	110305	19.219	ug/l	99
43) Isopropyl Acetate	8.450	43	108127	18.467	ug/l	99
44) Trichloroethene	9.108	130	91832	17.610	ug/l	98
45) 1,2-Dichloropropane	9.385	63	92470	18.118	ug/l	100
46) Dibromomethane	9.473	93	48911	18.160	ug/l	99
47) Bromodichloromethane	9.655	83	136094	19.588	ug/l	100
48) Methyl methacrylate	9.450	41	49480	16.729	ug/l #	85
49) 1,4-Dioxane	9.455	88	12223	382.553	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	295652	95.277	ug/l	98
52) Toluene	10.397	92	223988	18.293	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	125916	19.816	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	145702	19.374	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	76029	20.059	ug/l	97
56) Ethyl methacrylate	10.655	69	86140	19.031	ug/l	98
57) 1,3-Dichloropropane	10.938	76	125807	19.204	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	201655	99.586	ug/l	100
59) 2-Hexanone	10.979	43	200474	94.717	ug/l	99
60) Dibromochloromethane	11.132	129	96936	20.480	ug/l	99
61) 1,2-Dibromoethane	11.238	107	67404	18.609	ug/l	99
64) Tetrachloroethene	10.873	164	78863	18.292	ug/l	97
65) Chlorobenzene	11.667	112	247554	18.704	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	99500	20.255	ug/l	99
67) Ethyl Benzene	11.738	91	433708	18.636	ug/l	100
68) m/p-Xylenes	11.849	106	337384	37.870	ug/l	100
69) o-Xylene	12.173	106	157641	18.810	ug/l	97
70) Styrene	12.191	104	286922	19.950	ug/l	99
71) Bromoform	12.349	173	57742	20.495	ug/l #	97
73) Isopropylbenzene	12.473	105	440526	18.917	ug/l	99
74) N-amyl acetate	12.279	43	105297	18.726	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	88611	19.246	ug/l	96
76) 1,2,3-Trichloropropane	12.773	75	61407m	19.114	ug/l	
77) Bromobenzene	12.749	156	102581	18.811	ug/l	98
78) n-propylbenzene	12.814	91	547134	19.115	ug/l	99
79) 2-Chlorotoluene	12.896	91	317434	19.161	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	382661	19.679	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	26876	20.950	ug/l	96
82) 4-Chlorotoluene	12.996	91	331761	19.242	ug/l	99
83) tert-Butylbenzene	13.214	119	326964	19.571	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	382139	19.991	ug/l	99
85) sec-Butylbenzene	13.391	105	494712	19.439	ug/l	99
86) p-Isopropyltoluene	13.508	119	417171	19.929	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	216281	19.620	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	213181	19.246	ug/l	99
89) n-Butylbenzene	13.832	91	391872	19.688	ug/l	99
90) Hexachloroethane	14.096	117	79874	19.010	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	192897	19.954	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	14063	19.607	ug/l	90
93) 1,2,4-Trichlorobenzene	15.149	180	119351	20.100	ug/l	99
94) Hexachlorobutadiene	15.255	225	66610	20.400	ug/l	98
95) Naphthalene	15.385	128	210476	19.526	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	104959	20.493	ug/l	97

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

