

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092321\
 Data File : VD070440.D
 Acq On : 23 Sep 2021 11:58
 Operator : VA/SY
 Sample : VD0923SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0923SBSD01

Quant Time: Sep 24 06:43:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	372989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	661507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	632295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	293427	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	215003	44.893	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.780%
35) Dibromofluoromethane	7.909	113	221108	46.957	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.920%
50) Toluene-d8	10.332	98	856756	50.114	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.220%
62) 4-Bromofluorobenzene	12.626	95	298570	49.971	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.940%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.985	85	86332	20.527	ug/l	96
3) Chloromethane	2.209	50	106273	18.514	ug/l	99
4) Vinyl Chloride	2.344	62	122368	20.852	ug/l	100
5) Bromomethane	2.750	94	73580	17.237	ug/l	99
6) Chloroethane	2.909	64	70107	17.381	ug/l	96
7) Trichlorofluoromethane	3.268	101	159709	20.576	ug/l	99
8) Diethyl Ether	3.709	74	40205	18.737	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.091	101	97792	20.282	ug/l	99
10) Methyl Iodide	4.297	142	81030	18.223	ug/l	97
11) Tert butyl alcohol	5.185	59	80978	149.540	ug/l #	100
12) 1,1-Dichloroethene	4.068	96	85706	19.737	ug/l	91
13) Acrolein	3.909	56	16837	70.719	ug/l	99
14) Allyl chloride	4.703	41	118234	18.529	ug/l	99
15) Acrylonitrile	5.420	53	96503	94.392	ug/l	100
16) Acetone	4.156	43	87122	101.891	ug/l	98
17) Carbon Disulfide	4.403	76	300428	18.752	ug/l	97
18) Methyl Acetate	4.720	43	45428	18.401	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	171125	18.236	ug/l	100
20) Methylene Chloride	4.962	84	143326	22.974	ug/l	93
21) trans-1,2-Dichloroethene	5.462	96	101006	19.540	ug/l	98
22) Diisopropyl ether	6.362	45	253498	18.561	ug/l	97
23) Vinyl Acetate	6.303	43	553841	87.534	ug/l	98
24) 1,1-Dichloroethane	6.256	63	180247	18.652	ug/l	99
25) 2-Butanone	7.209	43	109239	95.974	ug/l	97
26) 2,2-Dichloropropane	7.203	77	159784	20.456	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	106940	19.259	ug/l	99
28) Bromochloromethane	7.538	49	67195	17.525	ug/l	97
29) Tetrahydrofuran	7.556	42	66337	90.791	ug/l	95
30) Chloroform	7.709	83	187654	18.941	ug/l	93
31) Cyclohexane	7.979	56	157734	19.120	ug/l #	95
32) 1,1,1-Trichloroethane	7.897	97	165040	19.792	ug/l	99
36) 1,1-Dichloropropene	8.109	75	141436	20.003	ug/l	98
37) Ethyl Acetate	7.285	43	49337	18.660	ug/l #	84
38) Carbon Tetrachloride	8.091	117	144001	20.592	ug/l	96
39) Methylcyclohexane	9.350	83	154166	19.517	ug/l	96
40) Benzene	8.344	78	413988	19.980	ug/l	99

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41) Methacrylonitrile	7.514	41	21555m	15.495	ug/l	
42) 1,2-Dichloroethane	8.420	62	105424	18.996	ug/l	99
43) Isopropyl Acetate	8.450	43	88978	18.201	ug/l	98
44) Trichloroethene	9.108	130	100600	20.315	ug/l	86
45) 1,2-Dichloropropane	9.379	63	105172	19.346	ug/l	94
46) Dibromomethane	9.467	93	53986	19.285	ug/l	98
47) Bromodichloromethane	9.656	83	136137	19.062	ug/l	97
48) Methyl methacrylate	9.450	41	42096	18.650	ug/l	99
49) 1,4-Dioxane	9.450	88	12062	430.191	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	240050	94.893	ug/l	99
52) Toluene	10.397	92	252846	20.195	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	120209	19.567	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	147875	19.779	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	75378	19.573	ug/l	97
56) Ethyl methacrylate	10.655	69	78244	18.612	ug/l	99
57) 1,3-Dichloropropane	10.938	76	129398	19.736	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	218756	107.960	ug/l	98
59) 2-Hexanone	10.979	43	164782	97.631	ug/l	95
60) Dibromochloromethane	11.132	129	89047	19.869	ug/l	98
61) 1,2-Dibromoethane	11.238	107	68827	19.433	ug/l	99
64) Tetrachloroethene	10.867	164	81158	21.082	ug/l	97
65) Chlorobenzene	11.661	112	261715	19.980	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.738	131	96114	20.034	ug/l	99
67) Ethyl Benzene	11.738	91	446600	19.769	ug/l	97
68) m/p-Xylenes	11.850	106	362188	41.512	ug/l	100
69) o-Xylene	12.173	106	156450	20.016	ug/l	99
70) Styrene	12.185	104	278129	20.369	ug/l	99
71) Bromoform	12.349	173	48549	20.475	ug/l #	95
73) Isopropylbenzene	12.473	105	412933	20.067	ug/l	100
74) N-amyl acetate	12.279	43	81526	18.183	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	88752	20.137	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	66389m	22.368	ug/l	
77) Bromobenzene	12.749	156	97237	20.482	ug/l	96
78) n-propylbenzene	12.808	91	549091	20.559	ug/l	100
79) 2-Chlorotoluene	12.897	91	314183	20.182	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	358700	20.198	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	24782	20.921	ug/l	99
82) 4-Chlorotoluene	12.996	91	332739	20.260	ug/l	100
83) tert-Butylbenzene	13.214	119	291255	20.448	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	357372	20.435	ug/l	99
85) sec-Butylbenzene	13.391	105	465803	20.574	ug/l	99
86) p-Isopropyltoluene	13.502	119	373840	20.551	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	205091	20.749	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	199306	20.089	ug/l	98
89) n-Butylbenzene	13.832	91	352048	19.411	ug/l	100
90) Hexachloroethane	14.102	117	79763	19.155	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	172818	19.817	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	12638	19.147	ug/l	91
93) 1,2,4-Trichlorobenzene	15.143	180	89468	18.998	ug/l	98
94) Hexachlorobutadiene	15.255	225	57411	19.875	ug/l	99
95) Naphthalene	15.385	128	153474	17.932	ug/l	97
96) 1,2,3-Trichlorobenzene	15.579	180	79654	19.170	ug/l	96

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

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