

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101921\
 Data File : VD070750.D
 Acq On : 19 Oct 2021 11:15
 Operator : VA/SY
 Sample : VD1019SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBSD01

Quant Time: Oct 20 04:39:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	430456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	712916	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	674926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	328498	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	256462	50.30	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.60%	
35) Dibromofluoromethane	7.914	113	230943	50.59	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.18%	
50) Toluene-d8	10.338	98	905676	51.76	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.52%	
62) 4-Bromofluorobenzene	12.620	95	308725	51.24	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.48%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.985	85	94571	18.79	ug/l 98
3) Chloromethane	2.209	50	140475	18.81	ug/l 92
4) Vinyl Chloride	2.350	62	147071	19.22	ug/l 100
5) Bromomethane	2.756	94	88853	19.04	ug/l 97
6) Chloroethane	2.915	64	93306	19.36	ug/l 99
7) Trichlorofluoromethane	3.273	101	172243	19.91	ug/l 94
8) Diethyl Ether	3.709	74	42475	18.43	ug/l 76
9) 1,1,2-Trichlorotrifluo...	4.097	101	105270	20.34	ug/l 97
10) Methyl Iodide	4.303	142	82371	17.65	ug/l 97
11) Tert butyl alcohol	5.214	59	25715	90.10	ug/l 98
12) 1,1-Dichloroethene	4.067	96	88528	18.92	ug/l 94
13) Acrolein	3.920	56	25797	93.38	ug/l 96
14) Allyl chloride	4.714	41	165679	18.71	ug/l # 90
15) Acrylonitrile	5.414	53	110956	91.42	ug/l 98
16) Acetone	4.156	43	107863	87.71	ug/l 99
17) Carbon Disulfide	4.409	76	317827	18.64	ug/l 100
18) Methyl Acetate	4.720	43	78456	18.35	ug/l # 86
19) Methyl tert-butyl Ether	5.479	73	185093	18.30	ug/l 95
20) Methylene Chloride	4.961	84	143986	19.28	ug/l # 95
21) trans-1,2-Dichloroethene	5.473	96	105655	19.68	ug/l 91
22) Diisopropyl ether	6.361	45	343891	19.94	ug/l # 93
23) Vinyl Acetate	6.308	43	741958	92.22	ug/l 95
24) 1,1-Dichloroethane	6.261	63	211431	19.68	ug/l 98
25) 2-Butanone	7.208	43	133775	88.06	ug/l # 85
26) 2,2-Dichloropropane	7.208	77	171661	20.20	ug/l 98
27) cis-1,2-Dichloroethene	7.208	96	114784	19.94	ug/l 93
28) Bromochloromethane	7.544	49	87945	20.59	ug/l 84
29) Tetrahydrofuran	7.561	42	82576	88.79	ug/l # 81
30) Chloroform	7.708	83	206213	19.65	ug/l 99
31) Cyclohexane	7.979	56	190656	18.48	ug/l 95
32) 1,1,1-Trichloroethane	7.902	97	175000	19.65	ug/l 95
36) 1,1-Dichloropropene	8.108	75	157287	19.80	ug/l 99
37) Ethyl Acetate	7.297	43	57951	17.61	ug/l 96
38) Carbon Tetrachloride	8.097	117	154273	20.28	ug/l 96
39) Methylcyclohexane	9.355	83	164854	18.41	ug/l # 88
40) Benzene	8.350	78	452000	19.76	ug/l 97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	36779m	18.98	ug/l	
42) 1,2-Dichloroethane	8.420	62	126024	19.41	ug/l	97
43) Isopropyl Acetate	8.455	43	115093	18.34	ug/l	95
44) Trichloroethene	9.108	130	106751	19.87	ug/l	93
45) 1,2-Dichloropropane	9.379	63	122539	20.28	ug/l	96
46) Dibromomethane	9.473	93	59181	20.45	ug/l	97
47) Bromodichloromethane	9.655	83	149777	19.51	ug/l	99
48) Methyl methacrylate	9.449	41	57063	18.56	ug/l #	84
49) 1,4-Dioxane	9.449	88	11630	374.27	ug/l #	81
51) 4-Methyl-2-Pentanone	10.226	43	301730	91.21	ug/l	91
52) Toluene	10.396	92	274994	20.19	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	135281	19.73	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	162125	19.75	ug/l #	89
55) 1,1,2-Trichloroethane	10.791	97	78647	19.79	ug/l	98
56) Ethyl methacrylate	10.649	69	83841	18.37	ug/l #	78
57) 1,3-Dichloropropane	10.938	76	133251	18.90	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	196258	93.75	ug/l	96
59) 2-Hexanone	10.979	43	212811	91.39	ug/l	85
60) Dibromochloromethane	11.132	129	89082	19.50	ug/l	97
61) 1,2-Dibromoethane	11.238	107	69836	19.20	ug/l	100
64) Tetrachloroethene	10.873	164	88683	19.55	ug/l	97
65) Chlorobenzene	11.661	112	274021	19.80	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	103033	20.12	ug/l	99
67) Ethyl Benzene	11.738	91	487820	19.27	ug/l	96
68) m/p-Xylenes	11.843	106	385376	40.19	ug/l	96
69) o-Xylene	12.173	106	163554	18.80	ug/l	94
70) Styrene	12.185	104	300261	19.86	ug/l	97
71) Bromoform	12.349	173	50133	18.85	ug/l #	99
73) Isopropylbenzene	12.473	105	444208	18.98	ug/l	100
74) N-amyl acetate	12.279	43	110409	18.12	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	88979	19.22	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	56648m	19.96	ug/l	
77) Bromobenzene	12.749	156	104688	19.76	ug/l	97
78) n-propylbenzene	12.808	91	602557	19.81	ug/l	98
79) 2-Chlorotoluene	12.896	91	353414	20.10	ug/l	96
80) 1,3,5-Trimethylbenzene	12.949	105	398151	20.12	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.520	75	24828	19.16	ug/l	91
82) 4-Chlorotoluene	12.996	91	371671	19.98	ug/l	99
83) tert-Butylbenzene	13.214	119	312442	19.11	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	393581	20.01	ug/l	100
85) sec-Butylbenzene	13.390	105	505317	19.66	ug/l	100
86) p-Isopropyltoluene	13.502	119	406099	19.66	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	217536	19.55	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	218583	19.89	ug/l	100
89) n-Butylbenzene	13.832	91	397851	19.08	ug/l	98
90) Hexachloroethane	14.096	117	85818	19.25	ug/l	93
91) 1,2-Dichlorobenzene	13.879	146	184461	19.40	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	12906	17.48	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	102174	18.78	ug/l	99
94) Hexachlorobutadiene	15.249	225	72217	20.24	ug/l	97
95) Naphthalene	15.384	128	159736	18.37	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	88919	18.40	ug/l	98

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

