

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100721\
 Data File : VD070626.D
 Acq On : 07 Oct 2021 19:34
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/8/2021 6:02:53 PM

Quant Time: Oct 08 04:55:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	290647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	533460	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	526925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	260341	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	189486	55.40	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.80%			
35) Dibromofluoromethane	7.908	113	192317	54.22	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.44%			
50) Toluene-d8	10.332	98	744338	54.90	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.80%			
62) 4-Bromofluorobenzene	12.620	95	251006	55.39	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.78%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	147851	41.71	ug/l	100
3) Chloromethane	2.209	50	214123	48.65	ug/l	100
4) Vinyl Chloride	2.344	62	223449	45.81	ug/l	99
5) Bromomethane	2.761	94	146860	49.55	ug/l	98
6) Chloroethane	2.920	64	144154	46.29	ug/l	95
7) Trichlorofluoromethane	3.267	101	287081	45.42	ug/l	96
8) Diethyl Ether	3.708	74	86924	52.85	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	172389	45.00	ug/l	98
10) Methyl Iodide	4.291	142	174339	44.60	ug/l	97
11) Tert butyl alcohol	5.226	59	44987	265.50	ug/l	100
12) 1,1-Dichloroethene	4.067	96	158683	46.53	ug/l	98
13) Acrolein	3.920	56	47909	294.49	ug/l	96
14) Allyl chloride	4.714	41	227898	48.00	ug/l	98
15) Acrylonitrile	5.426	53	205765	288.38	ug/l	98
16) Acetone	4.155	43	137937	237.47	ug/l	95
17) Carbon Disulfide	4.408	76	579774	46.56	ug/l	98
18) Methyl Acetate	4.714	43	131758	58.78	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	394552	58.07	ug/l	99
20) Methylene Chloride	4.961	84	243119	57.93	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	206461	51.46	ug/l	95
22) Diisopropyl ether	6.361	45	560130	57.43	ug/l	97
23) Vinyl Acetate	6.302	43	1209111	272.67	ug/l	100
24) 1,1-Dichloroethane	6.261	63	360063	50.12	ug/l	98
25) 2-Butanone	7.208	43	213136	280.26	ug/l	100
26) 2,2-Dichloropropane	7.208	77	265374	44.64	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	228904	54.30	ug/l	95
28) Bromochloromethane	7.544	49	142068	56.80	ug/l	96
29) Tetrahydrofuran	7.561	42	146874	299.63	ug/l	99
30) Chloroform	7.702	83	392114	52.47	ug/l	100
31) Cyclohexane	7.979	56	274908	43.40	ug/l	98
32) 1,1,1-Trichloroethane	7.902	97	321408	49.93	ug/l	99
36) 1,1-Dichloropropene	8.108	75	270550	47.75	ug/l	98
37) Ethyl Acetate	7.296	43	102244	54.32	ug/l	99
38) Carbon Tetrachloride	8.091	117	275032	46.39	ug/l	96
39) Methylcyclohexane	9.349	83	287317	44.10	ug/l	96
40) Benzene	8.349	78	852610	51.06	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	61012	62.85	ug/l	89
42) 1,2-Dichloroethane	8.420	62	226044	52.34	ug/l	100
43) Isopropyl Acetate	8.449	43	186185	53.98	ug/l	97
44) Trichloroethene	9.108	130	202455	49.17	ug/l	99
45) 1,2-Dichloropropane	9.385	63	220886	51.83	ug/l	97
46) Dibromomethane	9.467	93	118945	54.38	ug/l	97
47) Bromodichloromethane	9.655	83	298516	52.89	ug/l	99
48) Methyl methacrylate	9.449	41	83234	51.48	ug/l #	85
49) 1,4-Dioxane	9.455	88	25973	1168.59	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	526742	296.01	ug/l	98
52) Toluene	10.396	92	546455	53.27	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	236808	47.94	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	286697	48.20	ug/l	97
55) 1,1,2-Trichloroethane	10.790	97	163607	54.91	ug/l	99
56) Ethyl methacrylate	10.655	69	187560	52.63	ug/l	95
57) 1,3-Dichloropropane	10.937	76	278912	55.02	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	431982	300.89	ug/l	98
59) 2-Hexanone	10.979	43	352105	273.33	ug/l	99
60) Dibromochloromethane	11.132	129	194796	54.27	ug/l	98
61) 1,2-Dibromoethane	11.237	107	152035	54.80	ug/l	100
64) Tetrachloroethene	10.873	164	163116	48.28	ug/l	94
65) Chlorobenzene	11.661	112	562545	50.07	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	210890	50.45	ug/l	99
67) Ethyl Benzene	11.737	91	982297	50.66	ug/l	98
68) m/p-Xylenes	11.843	106	791818	103.70	ug/l	99
69) o-Xylene	12.173	106	359507	52.93	ug/l	98
70) Styrene	12.184	104	653087	54.58	ug/l	100
71) Bromoform	12.349	173	105850	53.94	ug/l #	99
73) Isopropylbenzene	12.467	105	906981	47.79	ug/l	99
74) N-amyl acetate	12.279	43	183582	51.33	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	186072	50.14	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	145929m	61.93	ug/l	
77) Bromobenzene	12.749	156	211488	49.84	ug/l	97
78) n-propylbenzene	12.808	91	1140803	47.50	ug/l	100
79) 2-Chlorotoluene	12.896	91	678173	48.13	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	802534	49.58	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	44131	41.58	ug/l	98
82) 4-Chlorotoluene	12.996	91	729685	49.54	ug/l	99
83) tert-Butylbenzene	13.214	119	635177	47.48	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	813895	50.53	ug/l	99
85) sec-Butylbenzene	13.390	105	965147	46.54	ug/l	99
86) p-Isopropyltoluene	13.502	119	805002	47.52	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	434649	48.78	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	419202	47.45	ug/l	99
89) n-Butylbenzene	13.831	91	724623	44.81	ug/l	99
90) Hexachloroethane	14.096	117	165870	45.29	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	383796	50.51	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	27055	50.50	ug/l	99
93) 1,2,4-Trichlorobenzene	15.143	180	199621	48.80	ug/l	99
94) Hexachlorobutadiene	15.249	225	117875	45.60	ug/l	98
95) Naphthalene	15.384	128	394050	47.84	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	177084	49.15	ug/l	96

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

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