

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030821\
 Data File : VD068552.D
 Acq On : 08 Mar 2021 10:56
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/9/2021 3:02:33 PM

Quant Time: Mar 09 00:07:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	292342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	480281	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	442896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	210822	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	134449	46.03	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.06%		
35) Dibromofluoromethane	7.920	113	146930	50.78	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.56%		
50) Toluene-d8	10.338	98	555852	48.23	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.46%		
62) 4-Bromofluorobenzene	12.632	95	183664	49.45	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.90%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	128304	45.22	ug/l	100
3) Chloromethane	2.215	50	158296	44.15	ug/l	99
4) Vinyl Chloride	2.350	62	198898	46.72	ug/l	95
5) Bromomethane	2.767	94	142055	46.86	ug/l	97
6) Chloroethane	2.926	64	127543	46.33	ug/l	97
7) Trichlorofluoromethane	3.279	101	237660	48.94	ug/l	94
8) Diethyl Ether	3.714	74	69183	47.85	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	148500	50.19	ug/l	95
10) Methyl Iodide	4.303	142	161567	45.89	ug/l	94
11) Tert butyl alcohol	5.220	59	35553	227.97	ug/l	97
12) 1,1-Dichloroethene	4.073	96	139661	47.57	ug/l	95
13) Acrolein	3.926	56	47889	214.85	ug/l	98
14) Allyl chloride	4.720	41	175687	46.35	ug/l	97
15) Acrylonitrile	5.426	53	161539	264.70	ug/l	99
16) Acetone	4.156	43	126490	272.63	ug/l	92
17) Carbon Disulfide	4.414	76	444006	46.16	ug/l	99
18) Methyl Acetate	4.714	43	62063	51.90	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	347926	54.66	ug/l #	89
20) Methylene Chloride	4.967	84	170009	48.91	ug/l	93
21) trans-1,2-Dichloroethene	5.473	96	190673	54.39	ug/l	96
22) Diisopropyl ether	6.361	45	387658	46.44	ug/l #	97
23) Vinyl Acetate	6.308	43	1026367	236.98	ug/l	98
24) 1,1-Dichloroethane	6.267	63	275072	48.07	ug/l	99
25) 2-Butanone	7.214	43	158174	237.17	ug/l	98
26) 2,2-Dichloropropane	7.214	77	239385	50.22	ug/l	97
27) cis-1,2-Dichloroethene	7.214	96	186003	48.33	ug/l	98
28) Bromochloromethane	7.550	49	106418	47.65	ug/l	84
29) Tetrahydrofuran	7.561	42	101604	234.62	ug/l	99
30) Chloroform	7.714	83	290861	48.13	ug/l	99
31) Cyclohexane	7.991	56	235005	44.24	ug/l	91
32) 1,1,1-Trichloroethane	7.908	97	253613	49.17	ug/l	97
36) 1,1-Dichloropropene	8.114	75	226558	49.63	ug/l	97
37) Ethyl Acetate	7.291	43	71911	47.47	ug/l	98
38) Carbon Tetrachloride	8.097	117	221361	51.60	ug/l	95
39) Methylcyclohexane	9.355	83	278097	49.39	ug/l	96
40) Benzene	8.355	78	648591	49.53	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	43194	49.13	ug/l	95
42) 1,2-Dichloroethane	8.426	62	172955	50.23	ug/l	100
43) Isopropyl Acetate	8.455	43	141008	50.65	ug/l	99
44) Trichloroethene	9.114	130	181629	50.53	ug/l	99
45) 1,2-Dichloropropane	9.391	63	157837	50.42	ug/l	96
46) Dibromomethane	9.479	93	88371	51.89	ug/l	94
47) Bromodichloromethane	9.667	83	225548	51.20	ug/l	99
48) Methyl methacrylate	9.455	41	65396	44.07	ug/l	83
49) 1,4-Dioxane	9.467	88	19029	979.73	ug/l	96
51) 4-Methyl-2-Pentanone	10.232	43	369731	253.80	ug/l	98
52) Toluene	10.408	92	425929	50.93	ug/l	95
53) t-1,3-Dichloropropene	10.620	75	209798	51.52	ug/l	97
54) cis-1,3-Dichloropropene	10.091	75	250347	50.39	ug/l	98
55) 1,1,2-Trichloroethane	10.802	97	124226	52.71	ug/l	97
56) Ethyl methacrylate	10.661	69	138926	51.28	ug/l	97
57) 1,3-Dichloropropane	10.949	76	207451	50.43	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	338163	248.81	ug/l	94
59) 2-Hexanone	10.985	43	255065	262.68	ug/l	99
60) Dibromochloromethane	11.143	129	156715	53.71	ug/l	99
61) 1,2-Dibromoethane	11.249	107	118212	51.25	ug/l	100
64) Tetrachloroethene	10.879	164	147629	51.05	ug/l	96
65) Chlorobenzene	11.673	112	458701	50.86	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.743	131	161711	51.58	ug/l	96
67) Ethyl Benzene	11.749	91	821166	51.00	ug/l	98
68) m/p-Xylenes	11.855	106	621633	101.66	ug/l	99
69) o-Xylene	12.179	106	283731	50.38	ug/l	96
70) Styrene	12.196	104	496559	51.56	ug/l	98
71) Bromoform	12.361	173	84176	52.85	ug/l #	100
73) Isopropylbenzene	12.479	105	782725	50.06	ug/l	100
74) N-amyl acetate	12.290	43	132778	49.85	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.732	83	136109	50.60	ug/l	97
76) 1,2,3-Trichloropropane	12.785	75	95979m	51.28	ug/l	
77) Bromobenzene	12.761	156	181012	50.73	ug/l	95
78) n-propylbenzene	12.820	91	936325	50.12	ug/l	98
79) 2-Chlorotoluene	12.908	91	507057	48.90	ug/l	100
80) 1,3,5-Trimethylbenzene	12.961	105	649797	50.70	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.526	75	40388	50.36	ug/l	97
82) 4-Chlorotoluene	13.002	91	538840	49.38	ug/l	99
83) tert-Butylbenzene	13.220	119	555444	50.90	ug/l	100
84) 1,2,4-Trimethylbenzene	13.267	105	652547	50.84	ug/l	98
85) sec-Butylbenzene	13.396	105	794006	51.51	ug/l	99
86) p-Isopropyltoluene	13.514	119	717181	51.26	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	350100	50.80	ug/l	99
88) 1,4-Dichlorobenzene	13.590	146	340079	49.81	ug/l	100
89) n-Butylbenzene	13.843	91	685568	50.80	ug/l	97
90) Hexachloroethane	14.108	117	141742	50.97	ug/l	95
91) 1,2-Dichlorobenzene	13.884	146	302796	51.23	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	24001	50.62	ug/l	90
93) 1,2,4-Trichlorobenzene	15.155	180	230493	50.48	ug/l	98
94) Hexachlorobutadiene	15.267	225	135351	53.41	ug/l	99
95) Naphthalene	15.396	128	426773	51.62	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	200367	50.69	ug/l	97

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

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