

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081321\
 Data File : VD070044.D
 Acq On : 13 Aug 2021 12:04
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 8/16/2021 5:04:54 PM

Quant Time: Aug 14 02:14:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:11:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	592580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1064121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	995169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	464558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	341012	48.928	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.860%		
35) Dibromofluoromethane	7.914	113	343133	49.911	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.820%		
50) Toluene-d8	10.332	98	1365569	51.069	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.140%		
62) 4-Bromofluorobenzene	12.626	95	446586	50.706	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.420%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	281305	41.476	ug/l	100
3) Chloromethane	2.209	50	414714	44.553	ug/l	100
4) Vinyl Chloride	2.344	62	456187	45.488	ug/l	100
5) Bromomethane	2.762	94	275724	43.693	ug/l	100
6) Chloroethane	2.915	64	297309	46.405	ug/l	100
7) Trichlorofluoromethane	3.268	101	556676	46.215	ug/l	100
8) Diethyl Ether	3.709	74	173622	50.367	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	354318	46.237	ug/l	100
10) Methyl Iodide	4.297	142	375859	53.644	ug/l	100
11) Tert butyl alcohol	5.226	59	89065	230.571	ug/l	100
12) 1,1-Dichloroethene	4.062	96	339110	48.168	ug/l	100
13) Acrolein	3.920	56	110129	248.185	ug/l	100
14) Allyl chloride	4.709	41	535403	50.968	ug/l	100
15) Acrylonitrile	5.414	53	407776	255.114	ug/l	100
16) Acetone	4.156	43	316826	246.763	ug/l	100
17) Carbon Disulfide	4.409	76	1220335	47.944	ug/l	100
18) Methyl Acetate	4.715	43	192112	50.186	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	770781	52.753	ug/l	100
20) Methylene Chloride	4.962	84	431099	37.559	ug/l	100
21) trans-1,2-Dichloroethene	5.467	96	407103	49.783	ug/l	100
22) Diisopropyl ether	6.361	45	1176862	53.269	ug/l	100
23) Vinyl Acetate	6.303	43	2772325	276.887	ug/l	100
24) 1,1-Dichloroethane	6.261	63	736470	48.722	ug/l	100
25) 2-Butanone	7.208	43	457477	260.759	ug/l	100
26) 2,2-Dichloropropane	7.208	77	580160	49.295	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	437779	50.410	ug/l	100
28) Bromochloromethane	7.544	49	253684	46.119	ug/l	100
29) Tetrahydrofuran	7.561	42	303494	264.184	ug/l	100
30) Chloroform	7.708	83	725491	48.804	ug/l	100
31) Cyclohexane	7.985	56	664755	48.187	ug/l	100
32) 1,1,1-Trichloroethane	7.903	97	608042	48.947	ug/l	100
36) 1,1-Dichloropropene	8.108	75	571643	49.935	ug/l	100
37) Ethyl Acetate	7.291	43	222321	53.467	ug/l	100
38) Carbon Tetrachloride	8.091	117	516792	49.726	ug/l	100
39) Methylcyclohexane	9.355	83	684671	51.369	ug/l	100
40) Benzene	8.350	78	1664831	50.140	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	110540	52.537	ug/l	100
42) 1,2-Dichloroethane	8.420	62	423174	49.729	ug/l	100
43) Isopropyl Acetate	8.450	43	395737	50.978	ug/l	100
44) Trichloroethene	9.108	130	393757	49.090	ug/l	100
45) 1,2-Dichloropropane	9.385	63	432151	50.106	ug/l	100
46) Dibromomethane	9.473	93	208970	49.884	ug/l	100
47) Bromodichloromethane	9.661	83	541348	49.949	ug/l	100
48) Methyl methacrylate	9.455	41	198431	53.603	ug/l	100
49) 1,4-Dioxane	9.461	88	48475	1063.310	ug/l	100
51) 4-Methyl-2-Pentanone	10.226	43	1079080	267.336	ug/l	100
52) Toluene	10.402	92	1044445	51.679	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	491191	51.166	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	581759	49.928	ug/l	100
55) 1,1,2-Trichloroethane	10.797	97	297858	50.183	ug/l	100
56) Ethyl methacrylate	10.655	69	366417	54.249	ug/l	100
57) 1,3-Dichloropropane	10.938	76	523193	50.918	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	1008939	283.213	ug/l	100
59) 2-Hexanone	10.979	43	738263	273.106	ug/l	100
60) Dibromochloromethane	11.132	129	336785	49.532	ug/l	100
61) 1,2-Dibromoethane	11.238	107	274785	51.138	ug/l	100
64) Tetrachloroethene	10.873	164	315780	49.186	ug/l	100
65) Chlorobenzene	11.661	112	1042821	50.154	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	370995	50.243	ug/l	100
67) Ethyl Benzene	11.738	91	1941184	52.803	ug/l	100
68) m/p-Xylenes	11.849	106	1493316	104.817	ug/l	100
69) o-Xylene	12.173	106	682060	53.058	ug/l	100
70) Styrene	12.191	104	1217333	54.069	ug/l	100
71) Bromoform	12.349	173	184420	51.262	ug/l #	100
73) Isopropylbenzene	12.473	105	1789462	52.823	ug/l	100
74) N-amyl acetate	12.279	43	391493	53.599	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.720	83	335448	49.627	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	225997m	59.724	ug/l	
77) Bromobenzene	12.755	156	385602	51.283	ug/l	100
78) n-propylbenzene	12.814	91	2339719	53.554	ug/l	100
79) 2-Chlorotoluene	12.896	91	1304047	51.880	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	1529330	53.027	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	99955	55.069	ug/l	100
82) 4-Chlorotoluene	12.996	91	1370719	52.079	ug/l	100
83) tert-Butylbenzene	13.214	119	1238235	52.821	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	1536992	53.724	ug/l	100
85) sec-Butylbenzene	13.391	105	1980035	52.719	ug/l	100
86) p-Isopropyltoluene	13.508	119	1636733	53.941	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	809521	50.671	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	793673	50.157	ug/l	100
89) n-Butylbenzene	13.832	91	1600444	53.750	ug/l	100
90) Hexachloroethane	14.102	117	317086	49.520	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	688582	50.300	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	49500	49.027	ug/l	100
93) 1,2,4-Trichlorobenzene	15.149	180	395819	51.995	ug/l	100
94) Hexachlorobutadiene	15.255	225	228232	50.753	ug/l	100
95) Naphthalene	15.385	128	745026	53.773	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	348632	52.463	ug/l	100

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

