

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100621\
 Data File : VD070584.D
 Acq On : 06 Oct 2021 10:50
 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
 10/7/2021 5:32:31 PM

Quant Time: Oct 07 06:58:24 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	363701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	601643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	589856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	286711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	206140	48.161	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.320%		
35) Dibromofluoromethane	7.909	113	217054	54.263	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	108.520%		
50) Toluene-d8	10.332	98	836947	54.732	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	109.460%		
62) 4-Bromofluorobenzene	12.620	95	278889	54.568	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	109.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	203795	45.942	ug/l	97
3) Chloromethane	2.209	50	252168	45.785	ug/l	99
4) Vinyl Chloride	2.350	62	285139	46.718	ug/l	100
5) Bromomethane	2.768	94	186072	50.221	ug/l	95
6) Chloroethane	2.921	64	185458	47.589	ug/l	97
7) Trichlorofluoromethane	3.274	101	380551	48.110	ug/l	97
8) Diethyl Ether	3.709	74	94154	45.750	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	229009	47.771	ug/l	99
10) Methyl Iodide	4.303	142	215713	44.109	ug/l	97
11) Tert butyl alcohol	5.221	59	47137	222.307	ug/l #	88
12) 1,1-Dichloroethene	4.068	96	202552	47.459	ug/l	98
13) Acrolein	3.921	56	41415	203.440	ug/l	100
14) Allyl chloride	4.715	41	275098	46.305	ug/l	99
15) Acrylonitrile	5.420	53	220964	247.478	ug/l	99
16) Acetone	4.156	43	190056	261.480	ug/l	99
17) Carbon Disulfide	4.409	76	753133	48.333	ug/l	99
18) Methyl Acetate	4.715	43	134879	48.088	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	442535	52.049	ug/l	95
20) Methylene Chloride	4.962	84	270468	50.505	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	252070	50.212	ug/l	95
22) Diisopropyl ether	6.362	45	635473	52.067	ug/l	99
23) Vinyl Acetate	6.303	43	1445257	260.455	ug/l	99
24) 1,1-Dichloroethane	6.268	63	427196	47.522	ug/l	98
25) 2-Butanone	7.215	43	246441	258.961	ug/l	100
26) 2,2-Dichloropropane	7.209	77	362329	48.704	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	265793	50.384	ug/l	98
28) Bromochloromethane	7.550	49	160899	51.408	ug/l	99
29) Tetrahydrofuran	7.562	42	160746	262.061	ug/l	99
30) Chloroform	7.709	83	460077	49.201	ug/l	99
31) Cyclohexane	7.985	56	388166	48.976	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	392516	48.732	ug/l	99
36) 1,1-Dichloropropene	8.109	75	350549	54.861	ug/l	98
37) Ethyl Acetate	7.291	43	117700	55.444	ug/l	99
38) Carbon Tetrachloride	8.097	117	354921	53.076	ug/l	99
39) Methylcyclohexane	9.356	83	404979	55.116	ug/l	96
40) Benzene	8.350	78	1012210	53.747	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	60037	54.837	ug/l	96
42) 1,2-Dichloroethane	8.420	62	261698	53.730	ug/l	99
43) Isopropyl Acetate	8.450	43	207416	53.322	ug/l	97
44) Trichloroethene	9.109	130	242206	52.154	ug/l	96
45) 1,2-Dichloropropane	9.385	63	257994	53.679	ug/l	98
46) Dibromomethane	9.473	93	132659	53.777	ug/l	98
47) Bromodichloromethane	9.656	83	340923	53.554	ug/l	100
48) Methyl methacrylate	9.450	41	104723	57.431	ug/l	98
49) 1,4-Dioxane	9.461	88	28034	1118.376	ug/l	99
51) 4-Methyl-2-Pentanone	10.220	43	579069	288.541	ug/l	100
52) Toluene	10.397	92	648214	56.026	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	296389	53.197	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	356291	53.114	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	184118	54.787	ug/l	98
56) Ethyl methacrylate	10.656	69	209031	52.021	ug/l	97
57) 1,3-Dichloropropane	10.938	76	316413	55.346	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	490630	303.013	ug/l	100
59) 2-Hexanone	10.979	43	410416	282.613	ug/l	100
60) Dibromochloromethane	11.132	129	221378	54.682	ug/l	99
61) 1,2-Dibromoethane	11.238	107	169476	54.161	ug/l	99
64) Tetrachloroethene	10.873	164	194559	51.440	ug/l	98
65) Chlorobenzene	11.661	112	646519	51.401	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	241529	51.619	ug/l	100
67) Ethyl Benzene	11.738	91	1179634	54.349	ug/l	99
68) m/p-Xylenes	11.844	106	950710	111.223	ug/l	99
69) o-Xylene	12.173	106	420745	55.342	ug/l	100
70) Styrene	12.185	104	755742	56.420	ug/l	99
71) Bromoform	12.350	173	120178	54.708	ug/l #	98
73) Isopropylbenzene	12.473	105	1102465	52.742	ug/l	99
74) N-amyl acetate	12.279	43	207394	52.650	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	203108	49.701	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	133358m	51.389	ug/l	
77) Bromobenzene	12.750	156	236525	50.615	ug/l	100
78) n-propylbenzene	12.808	91	1432524	54.156	ug/l	99
79) 2-Chlorotoluene	12.897	91	813694	52.438	ug/l	100
80) 1,3,5-Trimethylbenzene	12.950	105	973043	54.583	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	61595	52.697	ug/l	98
82) 4-Chlorotoluene	12.997	91	855791	52.756	ug/l	100
83) tert-Butylbenzene	13.214	119	778049	52.808	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	962514	54.265	ug/l	98
85) sec-Butylbenzene	13.391	105	1219503	53.394	ug/l	99
86) p-Isopropyltoluene	13.502	119	1009403	54.109	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	512592	52.236	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	497991	51.187	ug/l	99
89) n-Butylbenzene	13.832	91	975075	54.753	ug/l	100
90) Hexachloroethane	14.097	117	199576	49.481	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	434819	51.964	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	29252	49.577	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	234488	52.055	ug/l	99
94) Hexachlorobutadiene	15.249	225	150434	52.847	ug/l	99
95) Naphthalene	15.385	128	432081	47.646	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	208091	52.443	ug/l	99

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

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