

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071621\
 Data File : VD069717.D
 Acq On : 16 Jul 2021 10:13
 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
 7/19/2021 5:52:23 PM

Quant Time: Jul 16 16:13:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	647132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1106796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1052057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	497013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	382570	47.346	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.700%		
35) Dibromofluoromethane	7.909	113	361975	48.749	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.500%		
50) Toluene-d8	10.338	98	1451979	50.333	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.660%		
62) 4-Bromofluorobenzene	12.626	95	491532	51.090	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	346313	51.887	ug/l	98
3) Chloromethane	2.209	50	454859	49.806	ug/l	98
4) Vinyl Chloride	2.344	62	504131	51.213	ug/l	99
5) Bromomethane	2.762	94	305396	50.217	ug/l	95
6) Chloroethane	2.921	64	319949	50.798	ug/l	98
7) Trichlorofluoromethane	3.274	101	630734	50.808	ug/l	99
8) Diethyl Ether	3.709	74	178142	49.185	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	393957	51.174	ug/l	99
10) Methyl Iodide	4.297	142	376874	46.966	ug/l	99
11) Tert butyl alcohol	5.209	59	160122	148.317	ug/l #	89
12) 1,1-Dichloroethene	4.062	96	367300	52.044	ug/l	97
13) Acrolein	3.926	56	90289	162.078	ug/l	97
14) Allyl chloride	4.709	41	535881	49.143	ug/l	98
15) Acrylonitrile	5.420	53	424895	258.709	ug/l	99
16) Acetone	4.156	43	363929	229.080	ug/l	98
17) Carbon Disulfide	4.403	76	1279209	51.353	ug/l	99
18) Methyl Acetate	4.715	43	183266	46.222	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	791838	53.001	ug/l	98
20) Methylene Chloride	4.962	84	483898	42.184	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	426294	50.581	ug/l	96
22) Diisopropyl ether	6.362	45	1202341	53.202	ug/l	98
23) Vinyl Acetate	6.303	43	3015874	238.095	ug/l	99
24) 1,1-Dichloroethane	6.262	63	776976	49.267	ug/l	99
25) 2-Butanone	7.209	43	489522	256.327	ug/l	98
26) 2,2-Dichloropropane	7.203	77	636581	50.593	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	450298	49.530	ug/l	99
28) Bromochloromethane	7.544	49	312721	51.381	ug/l	99
29) Tetrahydrofuran	7.562	42	320162	270.586	ug/l	98
30) Chloroform	7.709	83	761011	48.510	ug/l	98
31) Cyclohexane	7.985	56	705690	51.339	ug/l	99
32) 1,1,1-Trichloroethane	7.903	97	646649	48.613	ug/l	100
36) 1,1-Dichloropropene	8.109	75	605640	53.041	ug/l	100
37) Ethyl Acetate	7.291	43	226108	52.349	ug/l	97
38) Carbon Tetrachloride	8.097	117	562614	53.809	ug/l	98
39) Methylcyclohexane	9.350	83	718368	52.563	ug/l	98
40) Benzene	8.350	78	1738052	52.774	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	119793	53.516	ug/l	96
42) 1,2-Dichloroethane	8.420	62	450953	50.447	ug/l	99
43) Isopropyl Acetate	8.450	43	415077	52.478	ug/l	99
44) Trichloroethene	9.109	130	411957	51.584	ug/l	97
45) 1,2-Dichloropropane	9.385	63	439713	50.798	ug/l	98
46) Dibromomethane	9.473	93	220768	52.256	ug/l	98
47) Bromodichloromethane	9.656	83	567603	50.694	ug/l	97
48) Methyl methacrylate	9.450	41	204752	49.873	ug/l	98
49) 1,4-Dioxane	9.456	88	50674	930.007	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	1125096	274.682	ug/l	99
52) Toluene	10.397	92	1068113	53.920	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	506472	53.809	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	597702	51.712	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	303522	51.360	ug/l	98
56) Ethyl methacrylate	10.656	69	375966	49.801	ug/l	98
57) 1,3-Dichloropropane	10.938	76	542078	51.956	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	939523	278.118	ug/l	100
59) 2-Hexanone	10.979	43	788236	288.719	ug/l	99
60) Dibromochloromethane	11.132	129	362700	52.609	ug/l	97
61) 1,2-Dibromoethane	11.244	107	287046	52.352	ug/l	100
64) Tetrachloroethene	10.873	164	343451	53.459	ug/l	99
65) Chlorobenzene	11.661	112	1072564	51.034	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	386080	51.426	ug/l	99
67) Ethyl Benzene	11.738	91	1989700	53.462	ug/l	99
68) m/p-Xylenes	11.850	106	1557959	110.703	ug/l	99
69) o-Xylene	12.173	106	698468	54.504	ug/l	99
70) Styrene	12.185	104	1244639	55.655	ug/l	100
71) Bromoform	12.355	173	189568	52.081	ug/l #	100
73) Isopropylbenzene	12.473	105	1866751	52.749	ug/l	100
74) N-amyl acetate	12.279	43	388819	50.561	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	354530	50.295	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	241137m	49.942	ug/l	
77) Bromobenzene	12.755	156	398721	50.783	ug/l	99
78) n-propylbenzene	12.814	91	2417217	53.868	ug/l	100
79) 2-Chlorotoluene	12.897	91	1347730	51.089	ug/l	100
80) 1,3,5-Trimethylbenzene	12.950	105	1601465	53.354	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	98953	55.077	ug/l	99
82) 4-Chlorotoluene	12.997	91	1428680	51.609	ug/l	99
83) tert-Butylbenzene	13.214	119	1297722	53.031	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	1582708	53.144	ug/l	99
85) sec-Butylbenzene	13.391	105	2079631	54.074	ug/l	100
86) p-Isopropyltoluene	13.508	119	1696329	54.154	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	822990	50.472	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	809656	49.721	ug/l	99
89) n-Butylbenzene	13.832	91	1669598	53.799	ug/l	99
90) Hexachloroethane	14.102	117	322628	50.615	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	711325	50.593	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	52614	50.112	ug/l	98
93) 1,2,4-Trichlorobenzene	15.149	180	407907	52.186	ug/l	99
94) Hexachlorobutadiene	15.255	225	244321	51.844	ug/l	98
95) Naphthalene	15.385	128	750351	47.824	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	352907	52.561	ug/l	99

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

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