

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060820\
 Data File : VD065775.D
 Acq On : 08 Jun 2020 12:25
 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
 6/9/2020 2:50:20 PM

Quant Time: Jun 09 06:43:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	246933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	384551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	352350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	176629	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	119646	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
35) Dibromofluoromethane	7.91	113	117510	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
50) Toluene-d8	10.34	98	452758	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.64	95	151727	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	75359	44.979	ug/l	99
3) Chloromethane	2.21	50	123344	43.891	ug/l	99
4) Vinyl Chloride	2.35	62	145706	39.994	ug/l	98
5) Bromomethane	2.77	94	105609	41.451	ug/l	94
6) Chloroethane	2.93	64	100227	40.687	ug/l	97
7) Trichlorofluoromethane	3.27	101	179465	43.479	ug/l	98
8) Diethyl Ether	3.70	74	47373	43.653	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	102859	41.791	ug/l	97
10) Methyl Iodide	4.30	142	108408	45.232	ug/l	100
11) Tert butyl alcohol	5.22	59	31405m	226.240	ug/l	
12) 1,1-Dichloroethene	4.07	96	100833	44.949	ug/l	96
13) Acrolein	3.92	56	31895	232.721	ug/l	96
14) Allyl chloride	4.71	41	165686	44.688	ug/l	98
15) Acrylonitrile	5.42	53	105575	214.197	ug/l	99
16) Acetone	4.16	43	132457	287.782	ug/l	98
17) Carbon Disulfide	4.41	76	327133	43.449	ug/l	100
18) Methyl Acetate	4.71	43	45029	42.855	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	217986	42.901	ug/l	97
20) Methylene Chloride	4.96	84	119456	48.760	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	113820	43.325	ug/l	98
22) Diisopropyl ether	6.36	45	331417	44.239	ug/l	99
23) Vinyl Acetate	6.30	43	964778	228.063	ug/l	99
24) 1,1-Dichloroethane	6.26	63	196425	43.033	ug/l	99
25) 2-Butanone	7.21	43	147193	231.561	ug/l	95
26) 2,2-Dichloropropane	7.21	77	185220	45.764	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	125565	44.432	ug/l	99
28) Bromochloromethane	7.54	49	88074	49.959	ug/l	98
29) Tetrahydrofuran	7.56	42	86519	215.356	ug/l	97
30) Chloroform	7.71	83	204946	43.318	ug/l	94
31) Cyclohexane	7.98	56	186578	42.638	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	189546	43.570	ug/l	97
36) 1,1-Dichloropropene	8.11	75	164559	44.672	ug/l	99
37) Ethyl Acetate	7.29	43	65370	45.052	ug/l	99
38) Carbon Tetrachloride	8.10	117	175224	45.198	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	196691	45.098	ug/l	99
40) Benzene	8.35	78	446121	44.299	ug/l	98
41) Methacrylonitrile	7.54	41	44662m	51.694	ug/l	
42) 1,2-Dichloroethane	8.43	62	130801	43.047	ug/l	99
43) Isopropyl Acetate	8.45	43	126564	43.865	ug/l	97
44) Trichloroethene	9.11	130	125190	44.670	ug/l	98
45) 1,2-Dichloropropane	9.39	63	109846	43.410	ug/l	95
46) Dibromomethane	9.48	93	59397	43.281	ug/l	99
47) Bromodichloromethane	9.66	83	158278	43.039	ug/l	99
48) Methyl methacrylate	9.46	41	63514	45.477	ug/l	99
49) 1,4-Dioxane	9.46	88	12555	859.509	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	315238	222.969	ug/l	97
52) Toluene	10.41	92	296257	45.275	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	150968	45.334	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	174440	44.353	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	79297	43.244	ug/l	96
56) Ethyl methacrylate	10.67	69	95863	44.447	ug/l	99
57) 1,3-Dichloropropane	10.95	76	136450	42.951	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	257018	256.317	ug/l	100
59) 2-Hexanone	10.98	43	224372	235.392	ug/l	98
60) Dibromochloromethane	11.14	129	108339	43.736	ug/l	100
61) 1,2-Dibromoethane	11.25	107	79151	43.922	ug/l	100
64) Tetrachloroethene	10.88	164	104752	43.965	ug/l	92
65) Chlorobenzene	11.67	112	305775	44.453	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	112119	43.727	ug/l	98
67) Ethyl Benzene	11.75	91	555219	45.183	ug/l	98
68) m/p-Xylenes	11.85	106	431877	91.243	ug/l	100
69) o-Xylene	12.18	106	192867	45.192	ug/l	98
70) Styrene	12.20	104	340375	46.072	ug/l	99
71) Bromoform	12.37	173	62341	44.152	ug/l #	99
73) Isopropylbenzene	12.48	105	542384	45.800	ug/l	100
74) N-amyl acetate	12.30	43	118141	44.841	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	86307	43.154	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	67168m	48.897	ug/l	
77) Bromobenzene	12.77	156	126721	45.227	ug/l	99
78) n-propylbenzene	12.83	91	654252	45.897	ug/l	100
79) 2-Chlorotoluene	12.91	91	353241	45.172	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	447645	45.424	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	29273	46.043	ug/l	97
82) 4-Chlorotoluene	13.01	91	376088	44.806	ug/l	100
83) tert-Butylbenzene	13.23	119	387561	45.324	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	449027	45.523	ug/l	100
85) sec-Butylbenzene	13.41	105	544002	45.714	ug/l	99
86) p-Isopropyltoluene	13.52	119	505589	46.354	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	243079	43.999	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	241981	44.032	ug/l	100
89) n-Butylbenzene	13.85	91	482988	46.430	ug/l	100
90) Hexachloroethane	14.12	117	100610	46.084	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	210457	44.264	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	14257	42.834	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	150001	46.400	ug/l	98
94) Hexachlorobutadiene	15.27	225	86960	44.498	ug/l	99
95) Naphthalene	15.41	128	246268	44.973	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	125078	44.923	ug/l	100

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

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