

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD022620\
 Data File : VD065336.D
 Acq On : 26 Feb 2020 19:06
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/27/2020 11:39:26 AM

Quant Time: Feb 27 08:42:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	457079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	679455	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	628945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	307165	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	209839	51.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.06%	
35) Dibromofluoromethane	7.92	113	220650	53.26	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.52%	
50) Toluene-d8	10.34	98	849111	53.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.22%	
62) 4-Bromofluorobenzene	12.64	95	274775	54.77	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	187243	48.841	ug/l	99
3) Chloromethane	2.21	50	223350	45.772	ug/l	100
4) Vinyl Chloride	2.35	62	220304	44.399	ug/l	99
5) Bromomethane	2.77	94	140649	46.882	ug/l	93
6) Chloroethane	2.93	64	139375	46.017	ug/l	99
7) Trichlorofluoromethane	3.27	101	335559	47.236	ug/l	98
8) Diethyl Ether	3.70	74	111965	52.214	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	215421	48.019	ug/l	98
10) Methyl Iodide	4.30	142	243258	52.225	ug/l	99
11) Tert butyl alcohol	5.25	59	66248	269.616	ug/l	98
12) 1,1-Dichloroethene	4.06	96	206176	48.651	ug/l	95
13) Acrolein	3.92	56	73977	245.229	ug/l	99
14) Allyl chloride	4.71	41	344474	50.056	ug/l	98
15) Acrylonitrile	5.43	53	248001	261.227	ug/l	99
16) Acetone	4.17	43	197852	196.837	ug/l	94
17) Carbon Disulfide	4.40	76	654784	46.086	ug/l	97
18) Methyl Acetate	4.73	43	115388	51.041	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	470891	53.285	ug/l	96
20) Methylene Chloride	4.96	84	249480	56.337	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	241471	50.122	ug/l	97
22) Diisopropyl ether	6.37	45	703734	53.046	ug/l	99
23) Vinyl Acetate	6.31	43	1967723	269.042	ug/l	100
24) 1,1-Dichloroethane	6.27	63	412910	50.179	ug/l	98
25) 2-Butanone	7.22	43	296183	232.896	ug/l	98
26) 2,2-Dichloropropane	7.21	77	335789	47.032	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	260634	51.074	ug/l	99
28) Bromochloromethane	7.55	49	159031	52.093	ug/l	99
29) Tetrahydrofuran	7.57	42	197133	264.557	ug/l	99
30) Chloroform	7.71	83	416745	50.269	ug/l	99
31) Cyclohexane	7.98	56	375979	46.503	ug/l	97
32) 1,1,1-Trichloroethane	7.91	97	362986	48.937	ug/l	100
36) 1,1-Dichloropropene	8.11	75	326883	49.444	ug/l	99
37) Ethyl Acetate	7.30	43	137180	49.635	ug/l	99
38) Carbon Tetrachloride	8.10	117	333725	49.587	ug/l	99

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39) Methylcyclohexane	9.36	83	393403	50.616	ug/l	98
40) Benzene	8.36	78	953580	51.101	ug/l	100
41) Methacrylonitrile	7.53	41	77467	48.545	ug/l	96
42) 1,2-Dichloroethane	8.43	62	255338	49.773	ug/l	100
43) Isopropyl Acetate	8.46	43	259714	51.676	ug/l	99
44) Trichloroethene	9.11	130	261914	50.634	ug/l	97
45) 1,2-Dichloropropane	9.39	63	242055	52.166	ug/l	99
46) Dibromomethane	9.48	93	122952	51.500	ug/l	99
47) Bromodichloromethane	9.67	83	320267	50.903	ug/l	97
48) Methyl methacrylate	9.46	41	121494	52.299	ug/l	98
49) 1,4-Dioxane	9.47	88	30071	1073.930	ug/l	92
51) 4-Methyl-2-Pentanone	10.24	43	672765	263.553	ug/l	99
52) Toluene	10.41	92	609504	52.769	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	308100	52.831	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	372845	52.944	ug/l	97
55) 1,1,2-Trichloroethane	10.81	97	172103	51.217	ug/l	97
56) Ethyl methacrylate	10.67	69	217504	56.079	ug/l	98
57) 1,3-Dichloropropane	10.96	76	303070	52.992	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	291308	238.232	ug/l	98
59) 2-Hexanone	10.99	43	461951	252.804	ug/l	97
60) Dibromochloromethane	11.14	129	224488	52.195	ug/l	99
61) 1,2-Dibromoethane	11.25	107	166282	52.264	ug/l	99
64) Tetrachloroethene	10.88	164	224668	50.366	ug/l	97
65) Chlorobenzene	11.67	112	643467	50.982	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	239349	50.818	ug/l	99
67) Ethyl Benzene	11.75	91	1142928	51.705	ug/l	99
68) m/p-Xylenes	11.86	106	879945	104.047	ug/l	99
69) o-Xylene	12.18	106	399470	53.315	ug/l	100
70) Styrene	12.20	104	705058	53.001	ug/l	99
71) Bromoform	12.37	173	131525	50.324	ug/l #	98
73) Isopropylbenzene	12.48	105	1077187	52.970	ug/l	99
74) N-amyl acetate	12.30	43	236938	52.435	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	185106	50.435	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	124477m	47.629	ug/l	
77) Bromobenzene	12.77	156	263597	52.200	ug/l	99
78) n-propylbenzene	12.83	91	1284678	52.569	ug/l	100
79) 2-Chlorotoluene	12.91	91	713560	52.122	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	886406	52.923	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	59277	48.973	ug/l	97
82) 4-Chlorotoluene	13.01	91	759165	52.233	ug/l	99
83) tert-Butylbenzene	13.23	119	773565	55.106	ug/l	97
84) 1,2,4-Trimethylbenzene	13.28	105	892954	53.264	ug/l	100
85) sec-Butylbenzene	13.41	105	1046163	51.719	ug/l	99
86) p-Isopropyltoluene	13.53	119	981260	53.046	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	497599	50.972	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	487647	50.613	ug/l	100
89) n-Butylbenzene	13.86	91	908000	53.268	ug/l	100
90) Hexachloroethane	14.13	117	190595	50.744	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	430872	51.403	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	27410	48.463	ug/l	91

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93) 1,2,4-Trichlorobenzene	15.18	180	299545	54.633	ug/l	98
94) Hexachlorobutadiene	15.28	225	182958	52.018	ug/l	100
95) Naphthalene	15.41	128	502424	56.367	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	263628	55.053	ug/l	100

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

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