

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030420\
 Data File : VD065421.D
 Acq On : 04 Mar 2020 20:06
 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
 3/5/2020 1:39:21 PM

Quant Time: Mar 05 02:29:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 01:22:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	460641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	677905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	614977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	303774	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	203720	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
35) Dibromofluoromethane	7.91	113	215525	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
50) Toluene-d8	10.34	98	850356	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
62) 4-Bromofluorobenzene	12.64	95	266932	53.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.52%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.99	85	183830	46.435	ug/l	100
3) Chloromethane	2.21	50	226346	47.356	ug/l	99
4) Vinyl Chloride	2.35	62	227717	48.303	ug/l	99
5) Bromomethane	2.77	94	144137	55.047	ug/l	98
6) Chloroethane	2.92	64	140420	48.633	ug/l	99
7) Trichlorofluoromethane	3.27	101	340016	48.947	ug/l	98
8) Diethyl Ether	3.70	74	107722	52.146	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	222811	49.802	ug/l	98
10) Methyl Iodide	4.29	142	264712	56.952	ug/l	98
11) Tert butyl alcohol	5.24	59	57968	255.761	ug/l	97
12) 1,1-Dichloroethene	4.06	96	211701	49.416	ug/l	99
13) Acrolein	3.92	56	90173	230.690	ug/l	100
14) Allyl chloride	4.71	41	340647	51.762	ug/l	99
15) Acrylonitrile	5.43	53	237214	263.952	ug/l	99
16) Acetone	4.16	43	183926	230.158	ug/l	97
17) Carbon Disulfide	4.40	76	716595	50.229	ug/l	100
18) Methyl Acetate	4.72	43	106619	52.597	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	456429	55.402	ug/l	99
20) Methylene Chloride	4.96	84	237684	55.124	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	248218	52.085	ug/l	97
22) Diisopropyl ether	6.37	45	683472	55.868	ug/l	97
23) Vinyl Acetate	6.31	43	1938268	285.343	ug/l	99
24) 1,1-Dichloroethane	6.26	63	408685	52.082	ug/l	98
25) 2-Butanone	7.22	43	282149	258.726	ug/l	98
26) 2,2-Dichloropropane	7.21	77	335897	48.984	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	261032	53.588	ug/l	98
28) Bromochloromethane	7.55	49	171012	54.472	ug/l	97
29) Tetrahydrofuran	7.57	42	193645	278.056	ug/l	99
30) Chloroform	7.71	83	414044	52.791	ug/l	98
31) Cyclohexane	7.99	56	381498	48.621	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	371601	51.270	ug/l	99
36) 1,1-Dichloropropene	8.11	75	334975	51.549	ug/l	99
37) Ethyl Acetate	7.30	43	131312	52.282	ug/l	98
38) Carbon Tetrachloride	8.10	117	333923	49.555	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	400003	50.966	ug/l	97
40) Benzene	8.36	78	945793	52.057	ug/l	100
41) Methacrylonitrile	7.53	41	66811	50.299	ug/l	94
42) 1,2-Dichloroethane	8.43	62	247938	52.260	ug/l	100
43) Isopropyl Acetate	8.46	43	247283	53.321	ug/l	99
44) Trichloroethene	9.11	130	262215	51.105	ug/l	97
45) 1,2-Dichloropropane	9.39	63	230150	52.295	ug/l	98
46) Dibromomethane	9.48	93	119949	52.544	ug/l	96
47) Bromodichloromethane	9.67	83	313782	52.835	ug/l	97
48) Methyl methacrylate	9.46	41	118429	54.289	ug/l	99
49) 1,4-Dioxane	9.47	88	29244	1119.933	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	645808	276.728	ug/l	100
52) Toluene	10.41	92	610991	53.382	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	299026	53.879	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	362883	54.018	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	169300	52.362	ug/l	99
56) Ethyl methacrylate	10.67	69	207785	57.005	ug/l	98
57) 1,3-Dichloropropane	10.95	76	289994	53.009	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	279071	245.010	ug/l	99
59) 2-Hexanone	10.99	43	437140	270.591	ug/l	99
60) Dibromochloromethane	11.14	129	219240	52.899	ug/l	99
61) 1,2-Dibromoethane	11.25	107	164158	53.228	ug/l	98
64) Tetrachloroethene	10.88	164	224703	50.991	ug/l	97
65) Chlorobenzene	11.67	112	630704	51.826	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	236931	53.456	ug/l	97
67) Ethyl Benzene	11.75	91	1119279	53.228	ug/l	99
68) m/p-Xylenes	11.86	106	876491	108.101	ug/l	99
69) o-Xylene	12.18	106	394640	55.332	ug/l	100
70) Styrene	12.20	104	688632	54.861	ug/l	100
71) Bromoform	12.37	173	131487	52.815	ug/l #	100
73) Isopropylbenzene	12.48	105	1059754	53.039	ug/l	100
74) N-amyl acetate	12.30	43	224315	54.838	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	182449	51.948	ug/l	96
76) 1,2,3-Trichloropropane	12.79	75	118957m	49.627	ug/l	
77) Bromobenzene	12.77	156	260526	52.481	ug/l	99
78) n-propylbenzene	12.83	91	1262090	53.237	ug/l	100
79) 2-Chlorotoluene	12.91	91	708211	53.006	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	878048	53.454	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	59097	52.028	ug/l	98
82) 4-Chlorotoluene	13.01	91	740223	52.722	ug/l	100
83) tert-Butylbenzene	13.23	119	737097	53.041	ug/l	99
84) 1,2,4-Trimethylbenzene	13.28	105	879878	54.341	ug/l	100
85) sec-Butylbenzene	13.41	105	1044772	52.669	ug/l	99
86) p-Isopropyltoluene	13.53	119	965078	53.317	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	491664	51.515	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	477942	50.343	ug/l	100
89) n-Butylbenzene	13.86	91	881630	52.684	ug/l	99
90) Hexachloroethane	14.12	117	189338	50.793	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	420301	51.749	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.52	75	27295	51.030	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	288206	52.356	ug/l	97
94) Hexachlorobutadiene	15.28	225	179689	49.679	ug/l	98
95) Naphthalene	15.41	128	479151	48.940	ug/l	100
96) 1,2,3-Trichlorobenzene	15.61	180	252260	53.031	ug/l	99

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

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Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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