

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012319\
 Data File : VD060786.D
 Acq On : 23 Jan 2019 17:06
 Operator : VA/AP
 Sample : VSTDICCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 1/24/2019 12:49:36 PM

Quant Time: Jan 24 06:01:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 24 05:41:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.79	168	644550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.97	114	886624	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.16	117	760732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.32	152	381637	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.22	65	424012	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.00%		
35) Dibromofluoromethane	6.68	113	391568	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.90%		
50) Toluene-d8	10.19	98	927191	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.00%		
62) 4-Bromofluorobenzene	13.35	95	451036	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.00%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	407968	50.000	ug/l	100
3) Chloromethane	1.76	50	213818	50.030	ug/l	100
4) Vinyl Chloride	1.85	62	241977	50.000	ug/l	100
5) Bromomethane	2.14	94	69035	48.738	ug/l	100
6) Chloroethane	2.24	64	86729	50.000	ug/l	100
7) Trichlorofluoromethane	2.49	101	464827	50.000	ug/l	100
8) Diethyl Ether	2.81	74	54974	50.000	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.06	101	228709	49.687	ug/l	100
10) Methyl Iodide	3.22	142	247777	50.000	ug/l	100
11) Tert butyl alcohol	3.94	59	122585	250.000	ug/l	100
12) 1,1-Dichloroethene	3.04	96	159914	49.868	ug/l	100
13) Acrolein	2.96	56	45783	250.005	ug/l	100
14) Allyl chloride	3.49	41	341038	50.000	ug/l	100
15) Acrylonitrile	4.04	53	285233	250.000	ug/l	100
16) Acetone	3.13	43	295657	251.046	ug/l	100
17) Carbon Disulfide	3.29	76	528960	50.000	ug/l	100
18) Methyl Acetate	3.52	43	123928	50.000	ug/l	100
19) Methyl tert-butyl Ether	4.08	73	761733	50.142	ug/l	100
20) Methylene Chloride	3.68	84	311189	50.000	ug/l	100
21) trans-1,2-Dichloroethene	4.06	96	305775	50.000	ug/l	100
22) Diisopropyl ether	4.89	45	1047190	50.000	ug/l	100
23) Vinyl Acetate	4.83	43	3007216	250.924	ug/l	100
24) 1,1-Dichloroethane	4.77	63	632562	50.000	ug/l	100
25) 2-Butanone	5.84	43	461780	250.000	ug/l	100
26) 2,2-Dichloropropane	5.79	77	628241	50.113	ug/l	100
27) cis-1,2-Dichloroethene	5.80	96	316751	50.122	ug/l	100
28) Bromochloromethane	6.20	49	257232	50.101	ug/l	100
29) Tetrahydrofuran	6.23	42	222456	250.000	ug/l	100
30) Chloroform	6.42	83	739198	50.000	ug/l	100
31) Cyclohexane	6.72	56	465887	50.000	ug/l	100
32) 1,1,1-Trichloroethane	6.63	97	696767	50.076	ug/l	100
36) 1,1-Dichloropropene	6.90	75	508575	49.852	ug/l	100
37) Ethyl Acetate	5.95	43	211477	49.877	ug/l	100
38) Carbon Tetrachloride	6.87	117	628646	50.000	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.62	83	454754	50.000	ug/l	100
40) Benzene	7.22	78	1040058	50.000	ug/l	100
41) Methacrylonitrile	6.21	41	158642m	50.100	ug/l	
42) 1,2-Dichloroethane	7.34	62	565581	50.118	ug/l	100
43) Isopropyl Acetate	9.01	43	325617	50.000	ug/l	100
44) Trichloroethene	8.30	130	368947	50.000	ug/l	100
45) 1,2-Dichloropropane	8.70	63	269889	50.000	ug/l	100
46) Dibromomethane	8.83	93	220769	50.000	ug/l	100
47) Bromodichloromethane	9.15	83	543830	50.000	ug/l	100
48) Methyl methacrylate	8.89	41	219723	50.000	ug/l	100
49) 1,4-Dioxane	8.85	88	37097	1000.000	ug/l	100
51) 4-Methyl-2-Pentanone	10.08	43	1070966	250.000	ug/l	100
52) Toluene	10.29	92	650897	50.000	ug/l	100
53) t-1,3-Dichloropropene	10.69	75	532189	50.002	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	505501	50.000	ug/l	100
55) 1,1,2-Trichloroethane	10.97	97	230931	50.000	ug/l	100
56) Ethyl methacrylate	10.82	69	267984	50.000	ug/l	100
57) 1,3-Dichloropropane	11.19	76	404313	49.970	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.63	63	757055	250.000	ug/l	100
59) 2-Hexanone	11.32	43	790206	250.000	ug/l	100
60) Dibromochloromethane	11.47	129	366109	49.998	ug/l	100
61) 1,2-Dibromoethane	11.59	107	261899	50.000	ug/l	100
64) Tetrachloroethene	11.04	164	333156	50.000	ug/l	100
65) Chlorobenzene	12.19	112	762454	50.000	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.31	131	339358	50.000	ug/l	100
67) Ethyl Benzene	12.32	91	1420739	50.000	ug/l	100
68) m/p-Xylenes	12.46	106	929380	99.805	ug/l	100
69) o-Xylene	12.85	106	437307	50.000	ug/l	100
70) Styrene	12.87	104	770153	50.000	ug/l	100
71) Bromoform	13.03	173	250495	50.000	ug/l	100
73) Isopropylbenzene	13.20	105	1401298	50.000	ug/l	100
74) N-amyl acetate	13.06	43	443906	50.000	ug/l	100
75) 1,1,2,2-Tetrachloroethane	13.50	83	260369	50.000	ug/l	100
76) 1,2,3-Trichloropropane	13.54	75	315929	49.919	ug/l	100
77) Bromobenzene	13.47	156	378985	50.000	ug/l	100
78) n-propylbenzene	13.58	91	1756152	50.000	ug/l	100
79) 2-Chlorotoluene	13.63	91	1018676	50.000	ug/l	100
80) 1,3,5-Trimethylbenzene	14.04	105	1199555	50.000	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.27	75	87391	50.000	ug/l	100
82) 4-Chlorotoluene	13.74	91	1179696	50.000	ug/l	100
83) tert-Butylbenzene	13.99	119	1233939	50.000	ug/l	100
84) 1,2,4-Trimethylbenzene	14.04	105	1199555	50.000	ug/l	100
85) sec-Butylbenzene	14.17	105	1502906	50.000	ug/l	100
86) p-Isopropyltoluene	14.29	119	1236614	50.000	ug/l	100
87) 1,3-Dichlorobenzene	14.25	146	629863	50.000	ug/l	100
88) 1,4-Dichlorobenzene	14.33	146	644759	50.000	ug/l	100
89) n-Butylbenzene	14.60	91	1162630	50.000	ug/l	100
90) Hexachloroethane	14.81	117	363348	50.000	ug/l	100
91) 1,2-Dichlorobenzene	14.61	146	520743	50.000	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	15.18	75	63672	50.000	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.75	180	474265	50.075	ug/l	100
94) Hexachlorobutadiene	15.84	225	357771	50.000	ug/l	100
95) Naphthalene	15.93	128	721737	50.000	ug/l	100
96) 1,2,3-Trichlorobenzene	16.08	180	405287	50.000	ug/l	100

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

