

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031419\
 Data File : VD061058.D
 Acq On : 14 Mar 2019 11:49
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 15 02:09:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	745146	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	1295810	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	1015371	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	470563	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	293703	47.35	ug/l	0.01
Spiked Amount			Recovery	=	94.70%	
35) Dibromofluoromethane	6.93	113	461972	48.04	ug/l	0.00
Spiked Amount			Recovery	=	96.08%	
50) Toluene-d8	10.41	98	1057930	43.81	ug/l	0.01
Spiked Amount			Recovery	=	87.62%	
62) 4-Bromofluorobenzene	13.55	95	394119	42.06	ug/l	0.00
Spiked Amount			Recovery	=	84.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	329434	44.632	ug/l	100
3) Chloromethane	1.76	50	289546	47.090	ug/l	98
4) Vinyl Chloride	1.86	62	256651	45.172	ug/l	97
5) Bromomethane	2.16	94	55288	56.285	ug/l	92
6) Chloroethane	2.28	64	88460	52.016	ug/l #	89
7) Trichlorofluoromethane	2.55	101	414618	50.799	ug/l	93
8) Diethyl Ether	2.88	74	135520	50.331	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.17	101	462126	50.644	ug/l	96
10) Methyl Iodide	3.32	142	617816	49.213	ug/l	97
11) Tert butyl alcohol	4.06	59	95128	240.914	ug/l	97
12) 1,1-Dichloroethene	3.14	96	374300	50.042	ug/l	94
13) Acrolein	3.04	56	148635	260.157	ug/l	94
14) Allyl chloride	3.63	41	545808	45.607	ug/l	97
15) Acrylonitrile	4.20	53	319923	229.242	ug/l	98
16) Acetone	3.23	43	500397	282.128	ug/l	97
17) Carbon Disulfide	3.39	76	1192863	47.277	ug/l	99
18) Methyl Acetate	3.65	43	181477	51.991	ug/l	93
19) Methyl tert-butyl Ether	4.24	73	617239	47.087	ug/l	97
20) Methylene Chloride	3.83	84	386095	47.509	ug/l	94
21) trans-1,2-Dichloroethene	4.23	96	372835	46.053	ug/l	95
22) Diisopropyl ether	5.13	45	1182075	47.581	ug/l	99
23) Vinyl Acetate	5.07	43	3094225	242.622	ug/l	100
24) 1,1-Dichloroethane	5.00	63	666165	48.940	ug/l	99
25) 2-Butanone	6.07	43	534239	265.446	ug/l	99
26) 2,2-Dichloropropane	6.03	77	554231	52.157	ug/l	99
27) cis-1,2-Dichloroethene	6.05	96	448239	52.184	ug/l	93
28) Bromochloromethane	6.45	49	279872	48.568	ug/l	96
29) Tetrahydrofuran	6.46	42	249310	228.129	ug/l	96
30) Chloroform	6.67	83	678176	48.072	ug/l	100
31) Cyclohexane	6.97	56	540216	49.220	ug/l	95
32) 1,1,1-Trichloroethane	6.88	97	617120	50.598	ug/l	98
36) 1,1-Dichloropropene	7.16	75	493608	44.192	ug/l	99
37) Ethyl Acetate	6.18	43	221606	42.279	ug/l #	97
38) Carbon Tetrachloride	7.12	117	615093	49.992	ug/l	98

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39) Methylcyclohexane	8.87	83	515163	44.479	ug/l	99
40) Benzene	7.46	78	1305206	46.764	ug/l	98
41) Methacrylonitrile	6.45	41	268707	44.570	ug/l	96
42) 1,2-Dichloroethane	7.59	62	375271	46.333	ug/l	99
43) Isopropyl Acetate	9.24	43	344824	47.498	ug/l	99
44) Trichloroethene	8.54	130	463040	48.089	ug/l	97
45) 1,2-Dichloropropane	8.94	63	331424	45.198	ug/l	100
46) Dibromomethane	9.07	93	224765	48.323	ug/l	96
47) Bromodichloromethane	9.38	83	512780	48.855	ug/l	99
48) Methyl methacrylate	9.12	41	205219	50.207	ug/l	98
49) 1,4-Dioxane	9.09	88	40560	981.324	ug/l	96
51) 4-Methyl-2-Pentanone	10.31	43	1034132	232.520	ug/l	96
52) Toluene	10.51	92	806863	46.490	ug/l	97
53) t-1,3-Dichloropropene	10.92	75	468448	48.809	ug/l	97
54) cis-1,3-Dichloropropene	10.04	75	561030	48.651	ug/l	98
55) 1,1,2-Trichloroethane	11.19	97	263457	45.582	ug/l	98
56) Ethyl methacrylate	11.04	69	290006	47.937	ug/l	97
57) 1,3-Dichloropropane	11.41	76	392828	45.481	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.86	63	663695	207.256	ug/l	98
59) 2-Hexanone	11.54	43	724291	222.631	ug/l	98
60) Dibromochloromethane	11.68	129	416713	48.989	ug/l	100
61) 1,2-Dibromoethane	11.81	107	313593	46.641	ug/l	98
64) Tetrachloroethene	11.26	164	334866	48.856	ug/l	97
65) Chlorobenzene	12.40	112	1016045	51.043	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.51	131	380398	53.612	ug/l	98
67) Ethyl Benzene	12.53	91	1525718	51.485	ug/l	98
68) m/p-Xylenes	12.67	106	1146010	98.528	ug/l	95
69) o-Xylene	13.05	106	539290	47.169	ug/l	97
70) Styrene	13.07	104	883599	47.329	ug/l	99
71) Bromoform	13.24	173	237619	51.913	ug/l	98
73) Isopropylbenzene	13.41	105	1462472	43.125	ug/l	99
74) N-amyl acetate	13.27	43	437652	45.832	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.70	83	308107	46.566	ug/l	98
76) 1,2,3-Trichloropropane	13.73	75	314350	46.433	ug/l	99
77) Bromobenzene	13.67	156	410616	47.432	ug/l	95
78) n-propylbenzene	13.78	91	1838862	46.318	ug/l	94
79) 2-Chlorotoluene	13.84	91	972656	44.501	ug/l	99
80) 1,3,5-Trimethylbenzene	14.24	105	1135283	44.097	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.48	75	92175	46.182	ug/l	97
82) 4-Chlorotoluene	13.95	91	1058577	40.968	ug/l	98
83) tert-Butylbenzene	14.19	119	1311063	46.533	ug/l	97
84) 1,2,4-Trimethylbenzene	14.24	105	1135283	44.097	ug/l	98
85) sec-Butylbenzene	14.37	105	1505568	43.771	ug/l	98
86) p-Isopropyltoluene	14.49	119	1301903	46.306	ug/l	99
87) 1,3-Dichlorobenzene	14.46	146	750111	48.525	ug/l	99
88) 1,4-Dichlorobenzene	14.54	146	756768	49.819	ug/l	99
89) n-Butylbenzene	14.80	91	1178594	43.652	ug/l	96
90) Hexachloroethane	15.01	117	376891	47.473	ug/l	90
91) 1,2-Dichlorobenzene	14.81	146	595813	46.234	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.39	75	36697	46.025	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	246457	41.226	ug/l	100
94) Hexachlorobutadiene	16.05	225	193254	42.738	ug/l	97
95) Naphthalene	16.12	128	374250	41.196	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	109176	36.976	ug/l	98

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

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