

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031819\
 Data File : VD061160.D
 Acq On : 18 Mar 2019 23:27
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 19 00:58:55 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	7.04	168	637859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1131338	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	967132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	375079	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	260446	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
35) Dibromofluoromethane	6.91	113	413960	49.30	ug/l	-0.01
Spiked Amount			Recovery	=	98.60%	
50) Toluene-d8	10.40	98	991710	47.04	ug/l	0.00
Spiked Amount			Recovery	=	94.08%	
62) 4-Bromofluorobenzene	13.55	95	375048	45.84	ug/l	0.00
Spiked Amount			Recovery	=	91.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	271477	42.966	ug/l	98
3) Chloromethane	1.76	50	227017	43.131	ug/l	96
4) Vinyl Chloride	1.85	62	215680	44.346	ug/l	99
5) Bromomethane	2.15	94	44378	51.818	ug/l	94
6) Chloroethane	2.27	64	69418	47.685	ug/l #	89
7) Trichlorofluoromethane	2.53	101	293033	41.941	ug/l	98
8) Diethyl Ether	2.87	74	116644	50.607	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.15	101	376056	48.143	ug/l	98
10) Methyl Iodide	3.31	142	544086	50.545	ug/l	98
11) Tert butyl alcohol	4.06	59	91112	269.555	ug/l	96
12) 1,1-Dichloroethene	3.13	96	298848	46.675	ug/l	92
13) Acrolein	3.04	56	137628	281.408	ug/l	93
14) Allyl chloride	3.62	41	496902	48.505	ug/l	97
15) Acrylonitrile	4.19	53	314681	263.412	ug/l	98
16) Acetone	3.22	43	320289	210.955	ug/l	98
17) Carbon Disulfide	3.38	76	949486	43.960	ug/l	100
18) Methyl Acetate	3.64	43	181881	60.871	ug/l	95
19) Methyl tert-butyl Ether	4.24	73	602183	53.666	ug/l	98
20) Methylene Chloride	3.81	84	364062	52.855	ug/l	94
21) trans-1,2-Dichloroethene	4.22	96	351591	50.733	ug/l	94
22) Diisopropyl ether	5.11	45	1058326	49.765	ug/l	99
23) Vinyl Acetate	5.04	43	2798265	256.321	ug/l	100
24) 1,1-Dichloroethane	4.97	63	614787	52.763	ug/l	99
25) 2-Butanone	6.06	43	440460	255.661	ug/l	97
26) 2,2-Dichloropropane	6.02	77	439252	48.290	ug/l	94
27) cis-1,2-Dichloroethene	6.03	96	398903	54.252	ug/l	96
28) Bromochloromethane	6.43	49	239879	48.630	ug/l	91
29) Tetrahydrofuran	6.44	42	224765	240.263	ug/l	95
30) Chloroform	6.66	83	641811	53.147	ug/l	98
31) Cyclohexane	6.94	56	414477	44.115	ug/l	96
32) 1,1,1-Trichloroethane	6.86	97	519740	49.781	ug/l	100
36) 1,1-Dichloropropene	7.14	75	452533	46.404	ug/l	97
37) Ethyl Acetate	6.18	43	219196	47.899	ug/l	98
38) Carbon Tetrachloride	7.10	117	564814	52.580	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	470950	46.573	ug/l	95
40) Benzene	7.45	78	1145131	46.994	ug/l	99
41) Methacrylonitrile	6.43	41	254299	48.312	ug/l	97
42) 1,2-Dichloroethane	7.57	62	351609	49.722	ug/l	100
43) Isopropyl Acetate	9.23	43	305211	48.154	ug/l #	97
44) Trichloroethene	8.53	130	417670	49.683	ug/l	97
45) 1,2-Dichloropropane	8.93	63	305726	47.755	ug/l	100
46) Dibromomethane	9.05	93	201198	49.545	ug/l	97
47) Bromodichloromethane	9.37	83	478611	52.228	ug/l	99
48) Methyl methacrylate	9.11	41	177031	49.607	ug/l	94
49) 1,4-Dioxane	9.07	88	37191	1030.627	ug/l #	96
51) 4-Methyl-2-Pentanone	10.29	43	944718	243.296	ug/l	96
52) Toluene	10.50	92	711463	46.953	ug/l	98
53) t-1,3-Dichloropropene	10.90	75	404270	48.246	ug/l	100
54) cis-1,3-Dichloropropene	10.02	75	528201	52.464	ug/l	99
55) 1,1,2-Trichloroethane	11.18	97	269158	53.339	ug/l	97
56) Ethyl methacrylate	11.03	69	269408	51.006	ug/l	97
57) 1,3-Dichloropropane	11.39	76	385739	51.152	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.85	63	700870	250.683	ug/l	99
59) 2-Hexanone	11.52	43	662956	233.403	ug/l	100
60) Dibromochloromethane	11.68	129	396597	53.403	ug/l	100
61) 1,2-Dibromoethane	11.80	107	303872	51.765	ug/l	99
64) Tetrachloroethene	11.25	164	326377	49.992	ug/l	97
65) Chlorobenzene	12.39	112	955156	50.378	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.51	131	351920	52.072	ug/l	99
67) Ethyl Benzene	12.52	91	1336242	47.340	ug/l	99
68) m/p-Xylenes	12.66	106	972667	87.796	ug/l	96
69) o-Xylene	13.04	106	494408	45.400	ug/l	97
70) Styrene	13.07	104	804229	45.226	ug/l	98
71) Bromoform	13.22	173	223242	51.204	ug/l	96
73) Isopropylbenzene	13.39	105	1381461	51.106	ug/l	99
74) N-amyl acetate	13.25	43	349137	45.871	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.69	83	281589	53.393	ug/l	98
76) 1,2,3-Trichloropropane	13.73	75	293011	54.300	ug/l	100
77) Bromobenzene	13.66	156	376872	54.617	ug/l	86
78) n-propylbenzene	13.77	91	1654263	52.275	ug/l	98
79) 2-Chlorotoluene	13.83	91	868645	49.859	ug/l	95
80) 1,3,5-Trimethylbenzene	14.23	105	1038719	50.617	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.46	75	86711	54.504	ug/l	94
82) 4-Chlorotoluene	13.94	91	1050819	51.020	ug/l	95
83) tert-Butylbenzene	14.18	119	1308859	58.281	ug/l	93
84) 1,2,4-Trimethylbenzene	14.23	105	1038719	50.617	ug/l	100
85) sec-Butylbenzene	14.36	105	1451538	52.943	ug/l	96
86) p-Isopropyltoluene	14.48	119	1075379	47.986	ug/l	98
87) 1,3-Dichlorobenzene	14.44	146	690507	56.041	ug/l	95
88) 1,4-Dichlorobenzene	14.53	146	668582	55.218	ug/l	99
89) n-Butylbenzene	14.79	91	1016477	47.232	ug/l	97
90) Hexachloroethane	15.00	117	340226	53.764	ug/l	74
91) 1,2-Dichlorobenzene	14.80	146	563936	54.901	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.37	75	36993	58.208	ug/l	72

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93) 1,2,4-Trichlorobenzene	15.94	180	272588	57.205	ug/l	98
94) Hexachlorobutadiene	16.03	225	196374	54.484	ug/l	98
95) Naphthalene	16.12	128	467628	64.579	ug/l	100
96) 1,2,3-Trichlorobenzene	16.27	180	145874	61.982	ug/l	97

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

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