

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061918\
 Data File : VD058200.D
 Acq On : 19 Jun 2018 18:13
 Operator : VA/AP
 Sample : VSTDICC100
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 20 05:04:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:00:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	890542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	1169387	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	870477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	499657	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	940218	103.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.80%	
35) Dibromofluoromethane	5.54	113	973847	104.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.90%	
50) Toluene-d8	8.71	98	2220143	99.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.54%	
62) 4-Bromofluorobenzene	11.93	95	885844	93.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	186.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.33	85	797424	69.57	ug/l	99
3) Chloromethane	1.48	50	370396	65.50	ug/l	99
4) Vinyl Chloride	1.55	62	440031	79.66	ug/l	100
5) Bromomethane	1.78	94	126782	60.64	ug/l	100
6) Chloroethane	1.87	64	141579	66.62	ug/l	95
7) Trichlorofluoromethane	2.07	101	576586	77.12	ug/l	95
8) Diethyl Ether	2.34	74	138059	96.93	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.54	101	388498	86.21	ug/l	98
10) Methyl Iodide	2.68	142	514582	89.08	ug/l	98
11) Tert butyl alcohol	3.27	59	131493	537.82	ug/l #	90
12) 1,1-Dichloroethene	2.53	96	300049	86.63	ug/l	96
13) Acrolein	2.46	56	65304	212.94	ug/l	89
14) Allyl chloride	2.92	41	699852	86.49	ug/l	96
15) Acrylonitrile	3.35	53	375935	287.88	ug/l	97
16) Acetone	2.61	43	528985	411.92	ug/l #	92
17) Carbon Disulfide	2.75	76	1027772	82.78	ug/l	99
18) Methyl Acetate	2.94	43	240101	94.35	ug/l	98
19) Methyl tert-butyl Ether	3.40	73	817358	56.51	ug/l	100
20) Methylene Chloride	3.06	84	311850	72.36	ug/l	96
21) trans-1,2-Dichloroethene	3.38	96	323760	45.36	ug/l	91
22) Diisopropyl ether	4.07	45	2641948	83.21	ug/l	100
23) Vinyl Acetate	4.02	43	7343750	443.54	ug/l	100
24) 1,1-Dichloroethane	3.96	63	1470980	84.18	ug/l	99
25) 2-Butanone	4.84	43	1203394	417.57	ug/l	97
26) 1,2-Dichloropropane	4.79	77	1190457	82.87	ug/l	97
27) cis-1,2-Dichloroethene	4.80	96	767031	83.16	ug/l	96
28) Bromochloromethane	5.14	49	643916	84.28	ug/l #	97
29) Tetrahydrofuran	5.18	42	640854	418.82	ug/l	99
30) Chloroform	5.32	83	1550425	87.66	ug/l	99
31) Cyclohexane	5.58	56	1054092	69.84	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	1316957	88.93	ug/l	96
36) 1,1-Dichloropropene	5.74	75	1011495	80.11	ug/l	98
37) Ethyl Acetate	4.92	43	633305	89.80	ug/l	97
38) Carbon Tetrachloride	5.72	117	1113624	89.18	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.28	83	1012544	81.51	ug/l	99
40) Benzene	6.01	78	2361792	80.03	ug/l	99
41) Methacrylonitrile	5.12	41	300441	93.96	ug/l	99
42) 1,2-Dichloroethane	6.13	62	1056736	88.29	ug/l	100
43) Isopropyl Acetate	7.62	43	852941	92.39	ug/l #	100
44) Trichloroethene	6.98	130	754417	87.48	ug/l	95
45) 1,2-Dichloropropane	7.35	63	680142	82.94	ug/l	99
46) Dibromomethane	7.46	93	476059	89.05	ug/l	96
47) Bromodichloromethane	7.74	83	1137327	92.29	ug/l	99
48) Methyl methacrylate	7.50	41	502987	88.90	ug/l	100
49) 1,4-Dioxane	7.49	88	97811	2020.47	ug/l #	90
51) 4-Methyl-2-Pentanone	8.61	43	2574262	434.26	ug/l	98
52) Toluene	8.80	92	1385779	81.74	ug/l	98
53) t-1,3-Dichloropropene	9.19	75	973100	90.73	ug/l	97
54) cis-1,3-Dichloropropene	8.36	75	1095955	86.98	ug/l	95
55) 1,1,2-Trichloroethane	9.46	97	494937	88.53	ug/l	96
56) Ethyl methacrylate	9.31	69	606900	88.37	ug/l	95
57) 1,3-Dichloropropane	9.67	76	839902	86.64	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.19	63	1451742	416.84	ug/l	95
59) 2-Hexanone	9.79	43	1802473	417.02	ug/l	98
60) Dibromochloromethane	9.96	129	744141	94.96	ug/l	97
61) 1,2-Dibromoethane	10.10	107	563006	87.75	ug/l	96
64) Tetrachloroethene	9.52	164	711838	92.64	ug/l	98
65) Chlorobenzene	10.72	112	1473805	85.21	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.85	131	614802	92.35	ug/l	97
67) Ethyl Benzene	10.86	91	2495362	80.24	ug/l	100
68) m/p-Xylenes	11.02	106	1681981	164.95	ug/l	98
69) o-Xylene	11.41	106	852611	85.14	ug/l	98
70) Styrene	11.43	104	1448776	86.87	ug/l	95
71) Bromoform	11.60	173	555679	108.83	ug/l #	97
73) Isopropylbenzene	11.78	105	2431927	74.96	ug/l	100
74) N-amyl acetate	11.65	43	1051030	82.68	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.08	83	610193	84.19	ug/l	100
76) 1,2,3-Trichloropropane	12.11	75	629448	83.45	ug/l	99
77) Bromobenzene	12.04	156	777208	80.67	ug/l	83
78) n-propylbenzene	12.16	91	3114885	73.39	ug/l	98
79) 2-Chlorotoluene	12.22	91	1872374	77.43	ug/l	97
80) 1,3,5-Trimethylbenzene	12.33	105	1993944	78.09	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.84	75	170664	91.87	ug/l	99
82) 4-Chlorotoluene	12.33	91	1975167	74.02	ug/l	92
83) tert-Butylbenzene	12.58	119	2310185	80.44	ug/l	98
84) 1,2,4-Trimethylbenzene	12.63	105	2254976	82.68	ug/l	99
85) sec-Butylbenzene	12.76	105	2713837	78.21	ug/l	99
86) p-Isopropyltoluene	12.89	119	2375982	85.53	ug/l	99
87) 1,3-Dichlorobenzene	12.85	146	1393621	85.05	ug/l	99
88) 1,4-Dichlorobenzene	12.93	146	1381207	86.04	ug/l	94
89) n-Butylbenzene	13.20	91	2277574	78.78	ug/l	98
90) Hexachloroethane	13.40	117	669368	93.86	ug/l	78
91) 1,2-Dichlorobenzene	13.19	146	1135734	84.32	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	13.77	75	117560	104.90	ug/l	70

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.35	180	1155433	92.02	ug/l	97
94) Hexachlorobutadiene	14.44	225	937774	95.79	ug/l	98
95) Naphthalene	14.52	128	1558173	94.57	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	1027298	95.50	ug/l	96

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

