

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110618\
 Data File : VD060289.D
 Acq On : 6 Nov 2018 13:28
 Operator : VA/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 06 13:51:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:45:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1601530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	2254437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1748952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	863683	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.80	65	1109916	98.02	ug/l	0.00
Spiked Amount			Recovery	=	196.04%	
35) Dibromofluoromethane	6.34	113	1637803	98.65	ug/l	0.00
Spiked Amount			Recovery	=	197.30%	
50) Toluene-d8	9.47	98	4696173	97.72	ug/l	0.00
Spiked Amount			Recovery	=	195.44%	
62) 4-Bromofluorobenzene	12.43	95	1651192	95.00	ug/l	0.00
Spiked Amount			Recovery	=	190.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.60	85	1213101	86.981	ug/l	98
3) Chloromethane	1.76	50	1353331	93.327	ug/l	99
4) Vinyl Chloride	1.86	62	1134742	93.083	ug/l	98
5) Bromomethane	2.16	94	197699	59.049	ug/l	99
6) Chloroethane	2.27	64	335678	76.540	ug/l	99
7) Trichlorofluoromethane	2.51	101	1307177	86.139	ug/l	98
8) Diethyl Ether	2.84	74	252588	87.942	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.10	101	873669	89.504	ug/l	98
10) Methyl Iodide	3.26	142	1177649	124.455	ug/l	99
11) Tert butyl alcohol	3.99	59	238670	487.239	ug/l	94
12) 1,1-Dichloroethene	3.08	96	690782	85.627	ug/l	98
13) Acrolein	2.99	56	259843	427.753	ug/l	97
14) Allyl chloride	3.55	41	1399646	91.300	ug/l	99
15) Acrylonitrile	4.11	53	1328616	494.712	ug/l	98
16) Acetone	3.17	43	921007	443.338	ug/l	97
17) Carbon Disulfide	3.33	76	2315236	88.440	ug/l	98
18) Methyl Acetate	3.57	43	414881	97.594	ug/l	99
19) Methyl tert-butyl Ether	4.14	73	2264000	99.731	ug/l	100
20) Methylene Chloride	3.73	84	1560934	79.026	ug/l	98
21) trans-1,2-Dichloroethene	4.12	96	1669013	97.078	ug/l	94
22) Diisopropyl ether	4.87	45	5316652	95.269	ug/l	99
23) Vinyl Acetate	4.83	43	13122728	472.100	ug/l	100
24) 1,1-Dichloroethane	4.77	63	2764934	98.160	ug/l	100
25) 2-Butanone	5.64	43	1984820	502.948	ug/l	100
26) 2,2-Dichloropropane	5.60	77	2057903	93.053	ug/l	97
27) cis-1,2-Dichloroethene	5.61	96	1732256	96.957	ug/l	98
28) Bromochloromethane	5.94	49	1246339	99.463	ug/l	97
29) Tetrahydrofuran	5.97	42	1068832	515.171	ug/l	99
30) Chloroform	6.11	83	2774561	97.593	ug/l	99
31) Cyclohexane	6.38	56	2399248	90.275	ug/l	99
32) 1,1,1-Trichloroethane	6.31	97	2341334	99.887	ug/l	98
36) 1,1-Dichloropropene	6.54	75	2049807	94.053	ug/l	98
37) Ethyl Acetate	5.71	43	1015635	104.414	ug/l	99
38) Carbon Tetrachloride	6.52	117	1947235	98.037	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.05	83	2407022	98.223	ug/l	99
40) Benzene	6.81	78	5289413	94.058	ug/l	99
41) Methacrylonitrile	5.96	41	1145295	178.215	ug/l #	96
42) 1,2-Dichloroethane	6.91	62	1448314	99.356	ug/l	99
43) Isopropyl Acetate	8.37	43	1275269	101.571	ug/l #	98
44) Trichloroethene	7.76	130	1684691	98.024	ug/l	100
45) 1,2-Dichloropropane	8.12	63	1391358	99.193	ug/l	98
46) Dibromomethane	8.23	93	832909	103.556	ug/l	98
47) Bromodichloromethane	8.51	83	1945290	100.485	ug/l	98
48) Methyl methacrylate	8.26	41	785516	104.420	ug/l	96
49) 1,4-Dioxane	8.25	88	135291	2008.818	ug/l	91
51) 4-Methyl-2-Pentanone	9.36	43	3946411	498.006	ug/l	98
52) Toluene	9.57	92	3458734	97.197	ug/l	99
53) t-1,3-Dichloropropene	9.93	75	1674994	104.293	ug/l	99
54) cis-1,3-Dichloropropene	9.12	75	2135412	101.900	ug/l	99
55) 1,1,2-Trichloroethane	10.20	97	970339	97.472	ug/l	98
56) Ethyl methacrylate	10.05	69	1014331	107.187	ug/l	97
57) 1,3-Dichloropropane	10.40	76	1563667	102.793	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.94	63	2764272	494.068	ug/l	98
59) 2-Hexanone	10.50	43	2874570	492.529	ug/l	98
60) Dibromochloromethane	10.65	129	1323313	104.865	ug/l	99
61) 1,2-Dibromoethane	10.77	107	1054747	104.427	ug/l	99
64) Tetrachloroethene	10.27	164	1477676	96.422	ug/l	99
65) Chlorobenzene	11.33	112	3572219	95.317	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.43	131	1164966	94.211	ug/l	97
67) Ethyl Benzene	11.44	91	5597584	87.472	ug/l	98
68) m/p-Xylenes	11.58	106	4203776	177.969	ug/l	96
69) o-Xylene	11.95	106	2098124	91.420	ug/l	88
70) Styrene	11.97	104	3463374	93.711	ug/l	99
71) Bromoform	12.13	173	905062	114.193	ug/l	99
73) Isopropylbenzene	12.28	105	5767057	94.683	ug/l	98
74) N-amyl acetate	12.15	43	1684844	108.978	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.57	83	1029371	104.717	ug/l	98
76) 1,2,3-Trichloropropane	12.61	75	1052052	107.293	ug/l	100
77) Bromobenzene	12.55	156	1609732	98.950	ug/l	98
78) n-propylbenzene	12.65	91	6902346	90.136	ug/l	97
79) 2-Chlorotoluene	12.72	91	3974602	94.055	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	4412906	93.230	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.35	75	318696	120.416	ug/l	100
82) 4-Chlorotoluene	12.83	91	4224611	89.603	ug/l	85
83) tert-Butylbenzene	13.05	119	4902433	93.169	ug/l	93
84) 1,2,4-Trimethylbenzene	13.10	105	4455104	92.747	ug/l	98
85) sec-Butylbenzene	13.23	105	6076263	94.668	ug/l	99
86) p-Isopropyltoluene	13.35	119	4736141	92.843	ug/l	95
87) 1,3-Dichlorobenzene	13.32	146	2785246	95.911	ug/l	100
88) 1,4-Dichlorobenzene	13.40	146	2723563	96.167	ug/l	95
89) n-Butylbenzene	13.65	91	4409975	84.418	ug/l	98
90) Hexachloroethane	13.87	117	1325986	106.754	ug/l	88
91) 1,2-Dichlorobenzene	13.67	146	2062484	87.080	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.23	75	133403	110.615	ug/l	78

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	1888721	102.793	ug/l	96
94) Hexachlorobutadiene	14.89	225	1380912	101.762	ug/l	99
95) Naphthalene	14.97	128	2456632	107.473	ug/l	98
96) 1,2,3-Trichlorobenzene	15.12	180	1579975	106.504	ug/l	96

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

