

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062518\
 Data File : VD059392.D
 Acq On : 25 Jun 2018 2:43
 Operator : VA/AP
 Sample : VSTDICC150
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 25 06:59:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 06:53:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	932097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	1258435	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	1002170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	476888	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	1223241	130.45	ug/l	0.00
Spiked Amount			Recovery	=	260.90%	
35) Dibromofluoromethane	5.56	113	1282330	125.74	ug/l	0.00
Spiked Amount			Recovery	=	251.48%	
50) Toluene-d8	8.72	98	2817054	114.95	ug/l	0.00
Spiked Amount			Recovery	=	229.90%	
62) 4-Bromofluorobenzene	11.94	95	1137991	112.99	ug/l	0.00
Spiked Amount			Recovery	=	225.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.35	85	1095495	117.78	ug/l	98
3) Chloromethane	1.48	50	592018	128.87	ug/l	91
4) Vinyl Chloride	1.56	62	653790	135.88	ug/l	95
5) Bromomethane	1.79	94	168557	94.69	ug/l	95
6) Chloroethane	1.88	64	163293	90.48	ug/l	93
7) Trichlorofluoromethane	2.08	101	810670	120.42	ug/l	99
8) Diethyl Ether	2.35	74	226060	160.02	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.56	101	567395	134.17	ug/l	91
10) Methyl Iodide	2.69	142	841889	173.71	ug/l	97
11) Tert butyl alcohol	3.28	59	209414	660.66	ug/l	95
12) 1,1-Dichloroethene	2.55	96	431409	136.39	ug/l	91
13) Acrolein	2.48	56	204421	1008.33	ug/l	96
14) Allyl chloride	2.92	41	1107875	151.66	ug/l	95
15) Acrylonitrile	3.36	53	728409	860.72	ug/l	98
16) Acetone	2.63	43	787971	630.52	ug/l	96
17) Carbon Disulfide	2.75	76	1410920	132.39	ug/l	99
18) Methyl Acetate	2.94	43	410700	149.63	ug/l	95
19) Methyl tert-butyl Ether	3.41	73	2110265	222.45	ug/l	100
20) Methylene Chloride	3.08	84	497392	125.47	ug/l	99
21) trans-1,2-Dichloroethene	3.40	96	718304	187.11	ug/l	90
22) Diisopropyl ether	4.08	45	3625804	125.25	ug/l	98
23) Vinyl Acetate	4.03	43	9571452	623.01	ug/l	99
24) 1,1-Dichloroethane	3.98	63	2106176	134.20	ug/l	98
25) 2-Butanone	4.85	43	1670226	615.22	ug/l	95
26) 2,2-Dichloropropane	4.80	77	1633484	125.07	ug/l	100
27) cis-1,2-Dichloroethene	4.81	96	1138236	131.01	ug/l	96
28) Bromochloromethane	5.16	49	914967	130.44	ug/l	100
29) Tetrahydrofuran	5.19	42	892254	617.27	ug/l	99
30) Chloroform	5.33	83	2329987	139.76	ug/l	96
31) Cyclohexane	5.60	56	1389709	104.67	ug/l	98
32) 1,1,1-Trichloroethane	5.52	97	2051162	148.77	ug/l	97
36) 1,1-Dichloropropene	5.76	75	1396281	113.96	ug/l	98
37) Ethyl Acetate	4.94	43	915984	132.56	ug/l	99
38) Carbon Tetrachloride	5.74	117	1701342	139.33	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.29	83	1287609	108.42	ug/l	93
40) Benzene	6.02	78	3237808	110.46	ug/l	99
41) Methacrylonitrile	5.14	41	432579	126.42	ug/l	96
42) 1,2-Dichloroethane	6.14	62	1677571	140.96	ug/l	95
43) Isopropyl Acetate	7.63	43	1241842	135.83	ug/l	97
44) Trichloroethene	6.99	130	1129474	127.67	ug/l	99
45) 1,2-Dichloropropane	7.36	63	989807	126.61	ug/l	97
46) Dibromomethane	7.47	93	738740	137.15	ug/l	88
47) Bromodichloromethane	7.75	83	1777940	142.78	ug/l #	99
48) Methyl methacrylate	7.52	41	775598	139.32	ug/l	97
49) 1,4-Dioxane	7.50	88	147953	2938.95	ug/l	97
51) 4-Methyl-2-Pentanone	8.61	43	3537011	589.71	ug/l	99
52) Toluene	8.82	92	2004533	119.76	ug/l	99
53) t-1,3-Dichloropropene	9.20	75	1474213	138.43	ug/l	100
54) cis-1,3-Dichloropropene	8.37	75	1587153	128.11	ug/l	92
55) 1,1,2-Trichloroethane	9.47	97	767455	129.46	ug/l	99
56) Ethyl methacrylate	9.33	69	905374	129.58	ug/l	98
57) 1,3-Dichloropropane	9.67	76	1285494	128.65	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.21	63	1997434	576.39	ug/l	98
59) 2-Hexanone	9.80	43	2646032	606.93	ug/l	97
60) Dibromochloromethane	9.97	129	1233523	153.00	ug/l	96
61) 1,2-Dibromoethane	10.11	107	908504	140.94	ug/l	97
64) Tetrachloroethene	9.53	164	1144632	135.83	ug/l	97
65) Chlorobenzene	10.73	112	2394920	128.51	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.86	131	928122	127.92	ug/l	94
67) Ethyl Benzene	10.87	91	3508079	106.46	ug/l	98
68) m/p-Xylenes	11.02	106	2454670	224.27	ug/l	91
69) o-Xylene	11.42	106	1261538	119.24	ug/l	98
70) Styrene	11.44	104	2162270	120.02	ug/l	95
71) Bromoform	11.60	173	944995	165.13	ug/l	98
73) Isopropylbenzene	11.78	105	3783196	133.76	ug/l	98
74) N-amyl acetate	11.65	43	1536513	143.98	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.09	83	878434	135.35	ug/l	95
76) 1,2,3-Trichloropropane	12.12	75	919520	135.04	ug/l	97
77) Bromobenzene	12.05	156	1156132	135.94	ug/l	93
78) n-propylbenzene	12.16	91	4495960	123.90	ug/l	96
79) 2-Chlorotoluene	12.22	91	2677061	128.54	ug/l	98
80) 1,3,5-Trimethylbenzene	12.32	105	2836904	129.26	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.85	75	250006	153.63	ug/l	93
82) 4-Chlorotoluene	12.33	91	2754928	117.85	ug/l	89
83) tert-Butylbenzene	12.58	119	3289950	130.95	ug/l	93
84) 1,2,4-Trimethylbenzene	12.63	105	3075381	128.58	ug/l	94
85) sec-Butylbenzene	12.76	105	3685573	124.71	ug/l	98
86) p-Isopropyltoluene	12.89	119	3227371	134.41	ug/l	97
87) 1,3-Dichlorobenzene	12.84	146	1872433	127.77	ug/l	95
88) 1,4-Dichlorobenzene	12.93	146	1865662	130.40	ug/l	99
89) n-Butylbenzene	13.20	91	2816094	113.14	ug/l	99
90) Hexachloroethane	13.40	117	897584	145.16	ug/l	86
91) 1,2-Dichlorobenzene	13.20	146	1504086	121.47	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.78	75	164988	158.91	ug/l	70

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93) 1,2,4-Trichlorobenzene	14.34	180	1541313	131.05	ug/l	94
94) Hexachlorobutadiene	14.44	225	1210846	130.36	ug/l	98
95) Naphthalene	14.52	128	2066529	133.62	ug/l	97
96) 1,2,3-Trichlorobenzene	14.66	180	1377339	132.69	ug/l	97

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

