

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062518\
 Data File : VD059387.D
 Acq On : 25 Jun 2018 00:22
 Operator : VA/AP
 Sample : VSTDIC010
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Jun 25 06:54:39 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	879448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	1145095	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	944374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	500814	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	90104	10.18	ug/l	0.00
Spiked Amount			Recovery	=	20.36%	
35) Dibromofluoromethane	5.55	113	92508	9.97	ug/l	0.00
Spiked Amount			Recovery	=	19.94%	
50) Toluene-d8	8.71	98	235799	10.57	ug/l	0.00
Spiked Amount			Recovery	=	21.14%	
62) 4-Bromofluorobenzene	11.93	95	94502	10.31	ug/l	0.00
Spiked Amount			Recovery	=	20.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.34	85	89297	10.18	ug/l	100
3) Chloromethane	1.48	50	46109	10.64	ug/l	92
4) Vinyl Chloride	1.56	62	43049	9.48	ug/l	99
5) Bromomethane	1.80	94	18946	11.28	ug/l	85
6) Chloroethane	1.88	64	21157	12.42	ug/l	94
7) Trichlorofluoromethane	2.09	101	63728	10.03	ug/l	97
8) Diethyl Ether	2.35	74	14848	11.14	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	2.56	101	39164	9.82	ug/l	93
10) Methyl Iodide	2.70	142	39770	8.70	ug/l	99
11) Tert butyl alcohol	3.26	59	15135	50.61	ug/l	98
12) 1,1-Dichloroethene	2.54	96	28966	9.71	ug/l	88
13) Acrolein	2.47	56	18866	98.63	ug/l #	79
14) Allyl chloride	2.93	41	64801	9.40	ug/l	96
15) Acrylonitrile	3.36	53	51217	64.14	ug/l	96
16) Acetone	2.62	43	67291	57.07	ug/l	93
17) Carbon Disulfide	2.76	76	89270	8.88	ug/l #	93
18) Methyl Acetate	2.95	43	29898	11.54	ug/l #	90
19) Methyl tert-butyl Ether	3.41	73	150280	16.79	ug/l	97
20) Methylene Chloride	3.07	84	39943	10.68	ug/l	94
21) trans-1,2-Dichloroethene	3.40	96	55329	15.28	ug/l	86
22) Diisopropyl ether	4.08	45	278895	10.21	ug/l	95
23) Vinyl Acetate	4.03	43	732848	50.56	ug/l	96
24) 1,1-Dichloroethane	3.98	63	157053	10.61	ug/l	96
25) 2-Butanone	4.85	43	129522	50.56	ug/l	99
26) 2,2-Dichloropropane	4.81	77	118885	9.65	ug/l	93
27) cis-1,2-Dichloroethene	4.82	96	95911	11.70	ug/l	95
28) Bromochloromethane	5.15	49	72132	10.90	ug/l	92
29) Tetrahydrofuran	5.19	42	73792	54.11	ug/l	98
30) Chloroform	5.33	83	165616	10.53	ug/l	94
31) Cyclohexane	5.59	56	115067	9.19	ug/l	98
32) 1,1,1-Trichloroethane	5.52	97	125661	9.66	ug/l	92
36) 1,1-Dichloropropene	5.75	75	109095	9.79	ug/l	99
37) Ethyl Acetate	4.92	43	73063	11.62	ug/l #	90
38) Carbon Tetrachloride	5.73	117	111234	10.01	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.29	83	98993	9.16	ug/l	95
40) Benzene	6.03	78	279573	10.48	ug/l	98
41) Methacrylonitrile	5.13	41	31577	10.14	ug/l #	68
42) 1,2-Dichloroethane	6.14	62	120260	11.11	ug/l	98
43) Isopropyl Acetate	7.62	43	90937	10.93	ug/l #	94
44) Trichloroethene	6.98	130	86325	10.72	ug/l	99
45) 1,2-Dichloropropane	7.36	63	71442	10.04	ug/l	90
46) Dibromomethane	7.47	93	54542	11.13	ug/l	94
47) Bromodichloromethane	7.75	83	114331	10.09	ug/l	95
48) Methyl methacrylate	7.51	41	55477	10.95	ug/l	91
49) 1,4-Dioxane	7.50	88	11252	245.63	ug/l	91
51) 4-Methyl-2-Pentanone	8.61	43	295161	54.08	ug/l	91
52) Toluene	8.80	92	166464	10.93	ug/l	96
53) t-1,3-Dichloropropene	9.20	75	93387	9.64	ug/l	98
54) cis-1,3-Dichloropropene	8.37	75	114713	10.18	ug/l	95
55) 1,1,2-Trichloroethane	9.46	97	57651	10.69	ug/l	89
56) Ethyl methacrylate	9.33	69	66959	10.53	ug/l	98
57) 1,3-Dichloropropane	9.67	76	96815	10.65	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.19	63	187345	59.41	ug/l	97
59) 2-Hexanone	9.80	43	204030	51.43	ug/l	100
60) Dibromochloromethane	9.97	129	77768	10.60	ug/l	99
61) 1,2-Dibromoethane	10.10	107	62615	10.68	ug/l	98
64) Tetrachloroethene	9.52	164	84636	10.66	ug/l	96
65) Chlorobenzene	10.73	112	196149	11.17	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.85	131	69321	10.14	ug/l	93
67) Ethyl Benzene	10.86	91	314885	10.14	ug/l	97
68) m/p-Xylenes	11.02	106	218101	21.15	ug/l	93
69) o-Xylene	11.41	106	108711	10.90	ug/l	100
70) Styrene	11.43	104	182837	10.77	ug/l	95
71) Bromoform	11.61	173	51982	9.64	ug/l	94
73) Isopropylbenzene	11.78	105	304843	10.26	ug/l	99
74) N-amyl acetate	11.65	43	114652	10.23	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.08	83	70936	10.41	ug/l	100
76) 1,2,3-Trichloropropane	12.11	75	70637	9.88	ug/l	99
77) Bromobenzene	12.04	156	91921	10.29	ug/l	98
78) n-propylbenzene	12.16	91	371751	9.76	ug/l	97
79) 2-Chlorotoluene	12.22	91	228362	10.44	ug/l	97
80) 1,3,5-Trimethylbenzene	12.33	105	242115	10.50	ug/l	91
81) trans-1,4-Dichloro-2-buten	11.85	75	14850	8.69	ug/l	95
82) 4-Chlorotoluene	12.33	91	273592	11.15	ug/l	97
83) tert-Butylbenzene	12.57	119	258501	9.80	ug/l	92
84) 1,2,4-Trimethylbenzene	12.63	105	256499	10.21	ug/l	99
85) sec-Butylbenzene	12.76	105	305002	9.83	ug/l	97
86) p-Isopropyltoluene	12.89	119	251696	9.98	ug/l	98
87) 1,3-Dichlorobenzene	12.85	146	159480	10.36	ug/l	99
88) 1,4-Dichlorobenzene	12.93	146	163009	10.85	ug/l	98
89) n-Butylbenzene	13.19	91	262775	10.05	ug/l	96
90) Hexachloroethane	13.40	117	57805	8.90	ug/l	92
91) 1,2-Dichlorobenzene	13.19	146	140279	10.79	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.77	75	12136	11.13	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.35	180	120346	9.74	ug/l	96
94) Hexachlorobutadiene	14.43	225	85927	8.81	ug/l	98
95) Naphthalene	14.52	128	172114	10.60	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	108669	9.97	ug/l	99

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

