

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072418\
 Data File : VD059578.D
 Acq On : 24 Jul 2018 18:45
 Operator : VA/AP
 Sample : VSTDIC075
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

Quant Time: Jul 25 05:41:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 05:39:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.60	168	142919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.66	114	181494	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	145223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.89	152	72730	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.98	65	127730	124.09	ug/l	0.00
Spiked Amount			Recovery	=	248.18%	
35) Dibromofluoromethane	5.50	113	114551	81.13	ug/l	0.00
Spiked Amount			Recovery	=	162.26%	
50) Toluene-d8	8.68	98	247506	77.16	ug/l	0.00
Spiked Amount			Recovery	=	154.32%	
62) 4-Bromofluorobenzene	11.92	95	111194	86.20	ug/l	0.00
Spiked Amount			Recovery	=	172.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.30	85	104502	92.254	ug/l	100
3) Chloromethane	1.45	50	54817	95.973	ug/l	100
4) Vinyl Chloride	1.52	62	61230	110.351	ug/l	97
5) Bromomethane	1.75	94	13636	157.378	ug/l	87
6) Chloroethane	1.82	64	31897	153.799	ug/l	99
7) Trichlorofluoromethane	2.03	101	114416	114.803	ug/l	100
8) Diethyl Ether	2.31	74	21153	123.068	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.50	101	59110	109.460	ug/l	99
10) Methyl Iodide	2.64	142	76374	107.900	ug/l	97
11) Tert butyl alcohol	3.23	59	24381	720.607	ug/l	97
12) 1,1-Dichloroethene	2.49	96	44916	105.009	ug/l	98
13) Acrolein	2.43	56	11703	337.965	ug/l	93
14) Allyl chloride	2.88	41	102539	130.427	ug/l	98
15) Acrylonitrile	3.31	53	57469	671.146	ug/l	96
16) Acetone	2.57	43	96611	764.684	ug/l	99
17) Carbon Disulfide	2.71	76	175973	116.710	ug/l	98
18) Methyl Acetate	2.90	43	39591	102.648	ug/l	100
19) Methyl tert-butyl Ether	3.36	73	146405	98.921	ug/l	100
20) Methylene Chloride	3.03	84	51116	84.079	ug/l	98
21) trans-1,2-Dichloroethene	3.33	96	50137	94.478	ug/l	97
22) Diisopropyl ether	4.02	45	255017	98.932	ug/l	97
23) Vinyl Acetate	3.97	43	820002	618.061	ug/l	99
24) 1,1-Dichloroethane	3.92	63	168581	98.003	ug/l	99
25) 2-Butanone	4.80	43	139719	561.658	ug/l	100
26) 2,2-Dichloropropane	4.75	77	173469	150.262	ug/l	97
27) cis-1,2-Dichloroethene	4.76	96	90479	84.900	ug/l	96
28) Bromochloromethane	5.10	49	66664	106.733	ug/l	100
29) Tetrahydrofuran	5.14	42	65971	536.055	ug/l	99
30) Chloroform	5.28	83	202257	102.347	ug/l	99
31) Cyclohexane	5.54	56	115740	97.463	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	203307	115.084	ug/l	99
36) 1,1-Dichloropropene	5.70	75	132247	87.366	ug/l	96
37) Ethyl Acetate	4.88	43	71169	106.529	ug/l	98
38) Carbon Tetrachloride	5.68	117	178596	94.786	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.25	83	121962	83.117	ug/l	97
40) Benzene	5.98	78	258896	73.697	ug/l	99
41) Methacrylonitrile	5.08	41	34682	103.458	ug/l #	96
42) 1,2-Dichloroethane	6.08	62	166226	110.334	ug/l	100
43) Isopropyl Acetate	7.59	43	94717	102.654	ug/l	95
44) Trichloroethene	6.94	130	99585	64.627	ug/l	96
45) 1,2-Dichloropropane	7.31	63	75094	84.117	ug/l	97
46) Dibromomethane	7.43	93	64283	91.869	ug/l	95
47) Bromodichloromethane	7.71	83	152480	92.822	ug/l	100
48) Methyl methacrylate	7.47	41	65664	106.270	ug/l	96
49) 1,4-Dioxane	7.45	88	11533	1755.867	ug/l #	91
51) 4-Methyl-2-Pentanone	8.57	43	309358	499.615	ug/l	99
52) Toluene	8.77	92	159683	70.726	ug/l	98
53) t-1,3-Dichloropropene	9.16	75	133301	101.600	ug/l	97
54) cis-1,3-Dichloropropene	8.33	75	137060	95.023	ug/l	97
55) 1,1,2-Trichloroethane	9.43	97	63638	78.070	ug/l	97
56) Ethyl methacrylate	9.29	69	79377	89.602	ug/l	99
57) 1,3-Dichloropropane	9.64	76	106237	83.970	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.16	63	180753	450.026	ug/l	100
59) 2-Hexanone	9.76	43	223647	503.181	ug/l	99
60) Dibromochloromethane	9.93	129	112755	77.086	ug/l	99
61) 1,2-Dibromoethane	10.07	107	80115	83.524	ug/l	98
64) Tetrachloroethene	9.49	164	92693	47.590	ug/l	96
65) Chlorobenzene	10.70	112	205456	71.834	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.83	131	92438	75.863	ug/l	98
67) Ethyl Benzene	10.84	91	356644	83.347	ug/l	100
68) m/p-Xylenes	10.99	106	234888	150.430	ug/l	99
69) o-Xylene	11.39	106	110110	72.479	ug/l	92
70) Styrene	11.42	104	183214	72.982	ug/l	98
71) Bromoform	11.58	173	80451	71.573	ug/l	99
73) Isopropylbenzene	11.76	105	365168	93.698	ug/l	100
74) N-amyl acetate	11.63	43	130708	125.418	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.07	83	75585	96.248	ug/l	96
76) 1,2,3-Trichloropropane	12.10	75	84212	104.037	ug/l	100
77) Bromobenzene	12.03	156	103060	67.693	ug/l	89
78) n-propylbenzene	12.14	91	427731	94.833	ug/l	99
79) 2-Chlorotoluene	12.20	91	266310	99.207	ug/l	99
80) 1,3,5-Trimethylbenzene	12.31	105	292669	97.072	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.83	75	23600	133.358	ug/l	96
82) 4-Chlorotoluene	12.31	91	294609	98.687	ug/l	93
83) tert-Butylbenzene	12.57	119	321103	97.242	ug/l	92
84) 1,2,4-Trimethylbenzene	12.62	105	305075	97.450	ug/l	100
85) sec-Butylbenzene	12.74	105	358283	96.116	ug/l	98
86) p-Isopropyltoluene	12.87	119	305422	89.542	ug/l	98
87) 1,3-Dichlorobenzene	12.83	146	168788	68.474	ug/l	98
88) 1,4-Dichlorobenzene	12.91	146	166626	68.980	ug/l	96
89) n-Butylbenzene	13.19	91	282297	99.041	ug/l	97
90) Hexachloroethane	13.38	117	86162	94.327	ug/l	80
91) 1,2-Dichlorobenzene	13.18	146	137372	67.385	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	13.76	75	17369	131.877	ug/l	75

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	124347	70.203	ug/l	98
94) Hexachlorobutadiene	14.43	225	97435	74.900	ug/l	98
95) Naphthalene	14.51	128	173347	80.780	ug/l	99
96) 1,2,3-Trichlorobenzene	14.65	180	114186	72.434	ug/l	99

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

