

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081518\
 Data File : VD059785.D
 Acq On : 15 Aug 2018 1:19
 Operator : VA/AP
 Sample : VSTDIC075
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC075

Quant Time: Aug 15 08:12:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 15 08:11:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	267570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	370216	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	301613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	160475	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	249313	61.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.52%	
35) Dibromofluoromethane	5.54	113	230841	62.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.50%	
50) Toluene-d8	8.70	98	541391	71.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.82%	
62) 4-Bromofluorobenzene	11.93	95	240588	64.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.33	85	235444	61.07	ug/l	100
3) Chloromethane	1.47	50	143258	92.60	ug/l	94
4) Vinyl Chloride	1.55	62	152898	80.42	ug/l	99
5) Bromomethane	1.79	94	45831	58.43	ug/l	93
6) Chloroethane	1.88	64	61068	64.65	ug/l	97
7) Trichlorofluoromethane	2.08	101	219813	56.14	ug/l	99
8) Diethyl Ether	2.34	74	45034	70.56	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.55	101	119727	59.05	ug/l	94
10) Methyl Iodide	2.68	142	153496	70.04	ug/l	92
11) Tert butyl alcohol	3.25	59	44491	313.47	ug/l	96
12) 1,1-Dichloroethene	2.54	96	90971	62.51	ug/l	98
13) Acrolein	2.47	56	39906	432.35	ug/l	86
14) Allyl chloride	2.92	41	222916	68.46	ug/l	98
15) Acrylonitrile	3.35	53	156843	428.41	ug/l	97
16) Acetone	2.60	43	204411	318.26	ug/l	99
17) Carbon Disulfide	2.75	76	328447	67.82	ug/l	98
18) Methyl Acetate	2.93	43	82180	62.86	ug/l	93
19) Methyl tert-butyl Ether	3.40	73	421379	72.16	ug/l	100
20) Methylene Chloride	3.07	84	105342	55.26	ug/l	97
21) trans-1,2-Dichloroethene	3.38	96	174133	87.14	ug/l	98
22) Diisopropyl ether	4.07	45	595604	90.28	ug/l	98
23) Vinyl Acetate	4.01	43	1690867	393.33	ug/l	99
24) 1,1-Dichloroethane	3.97	63	348108	74.45	ug/l	100
25) 2-Butanone	4.83	43	322515	433.57	ug/l	99
26) 2,2-Dichloropropane	4.80	77	321204	61.11	ug/l	100
27) cis-1,2-Dichloroethene	4.80	96	189077	80.04	ug/l	95
28) Bromochloromethane	5.14	49	139021	81.63	ug/l	98
29) Tetrahydrofuran	5.18	42	127882	450.88	ug/l	98
30) Chloroform	5.32	83	416359	68.67	ug/l	100
31) Cyclohexane	5.59	56	230317	82.36	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	384519	62.77	ug/l	98
36) 1,1-Dichloropropene	5.74	75	271411	65.04	ug/l	98
37) Ethyl Acetate	4.92	43	134422	72.44	ug/l	97
38) Carbon Tetrachloride	5.72	117	328449	51.77	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.28	83	238137	74.49	ug/l	95
40) Benzene	6.01	78	560948	74.18	ug/l	99
41) Methacrylonitrile	5.12	41	65378	72.37	ug/l	93
42) 1,2-Dichloroethane	6.12	62	317583	56.92	ug/l	100
43) Isopropyl Acetate	7.61	43	178301	75.66	ug/l #	97
44) Trichloroethene	6.98	130	199550	67.96	ug/l	100
45) 1,2-Dichloropropane	7.34	63	150541	77.18	ug/l	98
46) Dibromomethane	7.45	93	119227	61.26	ug/l	93
47) Bromodichloromethane	7.74	83	306365	60.12	ug/l	97
48) Methyl methacrylate	7.50	41	119556	70.70	ug/l	95
49) 1,4-Dioxane	7.48	88	20865	1732.73	ug/l	98
51) 4-Methyl-2-Pentanone	8.59	43	699834	385.99	ug/l	98
52) Toluene	8.80	92	353902	72.67	ug/l	97
53) t-1,3-Dichloropropene	9.18	75	255949	62.22	ug/l	99
54) cis-1,3-Dichloropropene	8.36	75	267980	65.55	ug/l	98
55) 1,1,2-Trichloroethane	9.45	97	131332	69.51	ug/l	95
56) Ethyl methacrylate	9.31	69	151600	70.41	ug/l	99
57) 1,3-Dichloropropane	9.67	76	207830	67.22	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.19	63	338242	342.11	ug/l	99
59) 2-Hexanone	9.78	43	514042	385.10	ug/l	98
60) Dibromochloromethane	9.96	129	206692	59.43	ug/l	98
61) 1,2-Dibromoethane	10.09	107	150928	65.61	ug/l	97
64) Tetrachloroethene	9.51	164	188302	65.30	ug/l	98
65) Chlorobenzene	10.72	112	433773	71.07	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.85	131	178542	59.91	ug/l	99
67) Ethyl Benzene	10.86	91	760753	67.44	ug/l	96
68) m/p-Xylenes	11.01	106	482191	130.51	ug/l	98
69) o-Xylene	11.41	106	234194	65.61	ug/l	90
70) Styrene	11.43	104	418468	70.73	ug/l	97
71) Bromoform	11.59	173	140370	63.06	ug/l #	97
73) Isopropylbenzene	11.77	105	711598	65.98	ug/l	100
74) N-amyl acetate	11.64	43	237982	76.46	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.08	83	152446	76.32	ug/l	100
76) 1,2,3-Trichloropropane	12.11	75	162713	70.26	ug/l	100
77) Bromobenzene	12.04	156	212758	67.50	ug/l	86
78) n-propylbenzene	12.16	91	910376	69.24	ug/l	99
79) 2-Chlorotoluene	12.21	91	545914	65.74	ug/l	98
80) 1,3,5-Trimethylbenzene	12.32	105	587833	63.52	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.84	75	43868	81.83	ug/l	87
82) 4-Chlorotoluene	12.32	91	599949	61.97	ug/l	93
83) tert-Butylbenzene	12.58	119	640845	63.45	ug/l	93
84) 1,2,4-Trimethylbenzene	12.63	105	616440	64.47	ug/l	100
85) sec-Butylbenzene	12.76	105	724961	66.85	ug/l	100
86) p-Isopropyltoluene	12.88	119	620924	64.09	ug/l	96
87) 1,3-Dichlorobenzene	12.84	146	369119	69.22	ug/l	98
88) 1,4-Dichlorobenzene	12.92	146	360536	67.08	ug/l	95
89) n-Butylbenzene	13.20	91	611149	63.21	ug/l	96
90) Hexachloroethane	13.39	117	167019	67.15	ug/l	78
91) 1,2-Dichlorobenzene	13.19	146	294143	64.40	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	13.77	75	29981	63.37	ug/l	80

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	259722	61.20	ug/l	97
94) Hexachlorobutadiene	14.44	225	188053	54.10	ug/l	99
95) Naphthalene	14.52	128	403977	69.77	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	220204	60.77	ug/l	99

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

