

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081518\
 Data File : VD059784.D
 Acq On : 15 Aug 2018 00:51
 Operator : VA/AP
 Sample : VSTDICCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 15 08:12:07 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	5.64	168	247633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	337609	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	279068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	149504	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.01	65	173231	46.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.00%	
35) Dibromofluoromethane	5.54	113	154607	45.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.44%	
50) Toluene-d8	8.71	98	362209	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
62) 4-Bromofluorobenzene	11.92	95	161654	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.33	85	152938	42.86	ug/l	100
3) Chloromethane	1.47	50	86070	60.11	ug/l	100
4) Vinyl Chloride	1.55	62	91309	51.89	ug/l	100
5) Bromomethane	1.78	94	36064	49.68	ug/l	100
6) Chloroethane	1.87	64	43974	50.31	ug/l	100
7) Trichlorofluoromethane	2.08	101	146509	40.43	ug/l	100
8) Diethyl Ether	2.33	74	28037	47.47	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.55	101	78495	41.83	ug/l	100
10) Methyl Iodide	2.69	142	98213	48.42	ug/l	100
11) Tert butyl alcohol	3.25	59	31389	238.97	ug/l	100
12) 1,1-Dichloroethene	2.54	96	58503	43.43	ug/l	100
13) Acrolein	2.46	56	28155	329.59	ug/l	100
14) Allyl chloride	2.91	41	144038	47.80	ug/l	100
15) Acrylonitrile	3.35	53	104998	309.89	ug/l	100
16) Acetone	2.60	43	136580	229.77	ug/l	100
17) Carbon Disulfide	2.75	76	203533	45.41	ug/l	100
18) Methyl Acetate	2.92	43	54513	45.06	ug/l	100
19) Methyl tert-butyl Ether	3.40	73	278433	51.52	ug/l	100
20) Methylene Chloride	3.06	84	66808	37.87	ug/l	100
21) trans-1,2-Dichloroethene	3.38	96	118043	63.83	ug/l	100
22) Diisopropyl ether	4.06	45	393414	64.43	ug/l	100
23) Vinyl Acetate	4.01	43	1119107	281.29	ug/l	100
24) 1,1-Dichloroethane	3.97	63	225669	52.15	ug/l	100
25) 2-Butanone	4.83	43	209276	303.99	ug/l	100
26) 2,2-Dichloropropane	4.79	77	206590	42.47	ug/l	100
27) cis-1,2-Dichloroethene	4.79	96	121870	55.74	ug/l	100
28) Bromochloromethane	5.14	49	92438	58.65	ug/l	100
29) Tetrahydrofuran	5.18	42	84180	320.69	ug/l	100
30) Chloroform	5.31	83	272937	48.64	ug/l	100
31) Cyclohexane	5.59	56	149670	57.83	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	242136	42.71	ug/l	100
36) 1,1-Dichloropropene	5.74	75	173100	45.49	ug/l	100
37) Ethyl Acetate	4.91	43	90498	53.48	ug/l	100
38) Carbon Tetrachloride	5.72	117	213264	36.86	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.27	83	159250	54.62	ug/l	100
40) Benzene	6.01	78	381265	55.29	ug/l	100
41) Methacrylonitrile	5.12	41	47145	57.23	ug/l	100
42) 1,2-Dichloroethane	6.12	62	203392	39.97	ug/l	100
43) Isopropyl Acetate	7.62	43	117131	54.50	ug/l	100
44) Trichloroethene	6.98	130	126682	47.31	ug/l	100
45) 1,2-Dichloropropane	7.34	63	103437	58.15	ug/l	100
46) Dibromomethane	7.46	93	81187	45.74	ug/l	100
47) Bromodichloromethane	7.73	83	197776	42.56	ug/l	100
48) Methyl methacrylate	7.50	41	77948	50.55	ug/l	100
49) 1,4-Dioxane	7.49	88	13477	1227.29	ug/l	100
51) 4-Methyl-2-Pentanone	8.59	43	477520	288.81	ug/l	100
52) Toluene	8.80	92	240305	54.11	ug/l	100
53) t-1,3-Dichloropropene	9.18	75	161876	43.15	ug/l	100
54) cis-1,3-Dichloropropene	8.35	75	182814	49.04	ug/l	100
55) 1,1,2-Trichloroethane	9.46	97	87581	50.83	ug/l	100
56) Ethyl methacrylate	9.31	69	101052	51.46	ug/l	100
57) 1,3-Dichloropropane	9.66	76	135466	48.05	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.19	63	228376	253.30	ug/l	100
59) 2-Hexanone	9.78	43	337554	277.30	ug/l	100
60) Dibromochloromethane	9.96	129	132739	41.85	ug/l	100
61) 1,2-Dibromoethane	10.10	107	98558	46.99	ug/l	100
64) Tetrachloroethene	9.51	164	120240	45.07	ug/l	100
65) Chlorobenzene	10.72	112	277321	49.11	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.84	131	115896	42.03	ug/l	100
67) Ethyl Benzene	10.85	91	476690	45.67	ug/l	100
68) m/p-Xylenes	11.01	106	324243	94.85	ug/l	100
69) o-Xylene	11.40	106	157684	47.74	ug/l	100
70) Styrene	11.43	104	284254	51.93	ug/l	100
71) Bromoform	11.60	173	89063	43.24	ug/l	100
73) Isopropylbenzene	11.77	105	473984	47.17	ug/l	100
74) N-amyl acetate	11.64	43	156396	53.93	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.07	83	98537	52.95	ug/l	100
76) 1,2,3-Trichloropropane	12.11	75	107068	49.62	ug/l	100
77) Bromobenzene	12.04	156	141750	48.27	ug/l	100
78) n-propylbenzene	12.15	91	587060	47.93	ug/l	100
79) 2-Chlorotoluene	12.21	91	360927	46.65	ug/l	100
80) 1,3,5-Trimethylbenzene	12.32	105	381248	44.22	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.84	75	26505	53.07	ug/l	100
82) 4-Chlorotoluene	12.33	91	401191	44.48	ug/l	100
83) tert-Butylbenzene	12.57	119	413090	43.90	ug/l	100
84) 1,2,4-Trimethylbenzene	12.62	105	411641	46.21	ug/l	100
85) sec-Butylbenzene	12.75	105	484520	47.96	ug/l	100
86) p-Isopropyltoluene	12.88	119	400527	44.37	ug/l	100
87) 1,3-Dichlorobenzene	12.84	146	236509	47.61	ug/l	100
88) 1,4-Dichlorobenzene	12.93	146	242033	48.34	ug/l	100
89) n-Butylbenzene	13.19	91	409206	45.43	ug/l	100
90) Hexachloroethane	13.40	117	107592	46.43	ug/l	100
91) 1,2-Dichlorobenzene	13.19	146	196347	46.15	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.77	75	19727	44.76	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	179403	45.38	ug/l	100
94) Hexachlorobutadiene	14.43	225	125763	38.83	ug/l	100
95) Naphthalene	14.51	128	263736	48.89	ug/l	100
96) 1,2,3-Trichlorobenzene	14.66	180	150299	44.52	ug/l	100

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

