

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070218\
 Data File : VD059510.D
 Acq On : 2 Jul 2018 18:32
 Operator : VA/AP
 Sample : VSTDICCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 03 00:54:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 00:52:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	567497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.66	114	832200	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	684872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.89	152	330050	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.98	65	418895	67.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	135.68%	
35) Dibromofluoromethane	5.51	113	378056	55.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.16%	
50) Toluene-d8	8.68	98	900129	55.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.94%	
62) 4-Bromofluorobenzene	11.92	95	363209	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.32	85	426723	75.12	ug/l	100
3) Chloromethane	1.46	50	186661	65.59	ug/l	100
4) Vinyl Chloride	1.52	62	202745	68.42	ug/l	100
5) Bromomethane	1.77	94	78541	69.03	ug/l	100
6) Chloroethane	1.86	64	100413	80.26	ug/l	100
7) Trichlorofluoromethane	2.06	101	323274	74.61	ug/l	100
8) Diethyl Ether	2.31	74	60315	63.94	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.52	101	194643	72.50	ug/l	100
10) Methyl Iodide	2.66	142	223595	72.64	ug/l	100
11) Tert butyl alcohol	3.23	59	61818	298.81	ug/l	100
12) 1,1-Dichloroethene	2.51	96	151734	73.08	ug/l	100
13) Acrolein	2.44	56	27802	163.64	ug/l	100
14) Allyl chloride	2.88	41	327112	69.83	ug/l	100
15) Acrylonitrile	3.33	53	186164	291.90	ug/l	100
16) Acetone	2.59	43	268037	337.74	ug/l	100
17) Carbon Disulfide	2.72	76	505649	77.93	ug/l	100
18) Methyl Acetate	2.90	43	105179	54.85	ug/l	100
19) Methyl tert-butyl Ether	3.36	73	369485	41.35	ug/l	100
20) Methylene Chloride	3.03	84	165806	65.63	ug/l	100
21) trans-1,2-Dichloroethene	3.35	96	166840	50.27	ug/l	100
22) Diisopropyl ether	4.03	45	1180133	67.71	ug/l	100
23) Vinyl Acetate	3.98	43	3416984	369.25	ug/l	100
24) 1,1-Dichloroethane	3.93	63	673172	67.20	ug/l	100
25) 2-Butanone	4.80	43	541893	328.28	ug/l	100
26) 2,2-Dichloropropane	4.76	77	542681	69.46	ug/l	100
27) cis-1,2-Dichloroethene	4.76	96	359188	60.73	ug/l	100
28) Bromochloromethane	5.11	49	226943	55.76	ug/l	100
29) Tetrahydrofuran	5.15	42	287810	322.22	ug/l	100
30) Chloroform	5.28	83	703920	65.29	ug/l	100
31) Cyclohexane	5.56	56	465124	61.48	ug/l	100
32) 1,1,1-Trichloroethane	5.47	97	565202	65.23	ug/l	100
36) 1,1-Dichloropropene	5.71	75	476402	59.89	ug/l	100
37) Ethyl Acetate	4.89	43	262511	55.47	ug/l	100
38) Carbon Tetrachloride	5.69	117	486498	59.49	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.25	83	458391	60.65	ug/l	100
40) Benzene	5.98	78	1153147	60.49	ug/l	100
41) Methacrylonitrile	5.09	41	139621	60.63	ug/l	100
42) 1,2-Dichloroethane	6.09	62	497257	59.45	ug/l	100
43) Isopropyl Acetate	7.59	43	356600	59.21	ug/l	100
44) Trichloroethene	6.95	130	349451	56.52	ug/l	100
45) 1,2-Dichloropropane	7.32	63	304487	57.97	ug/l	100
46) Dibromomethane	7.43	93	209381	56.29	ug/l	100
47) Bromodichloromethane	7.72	83	507702	60.65	ug/l	100
48) Methyl methacrylate	7.48	41	221272	59.77	ug/l	100
49) 1,4-Dioxane	7.47	88	43266	1174.99	ug/l	100
51) 4-Methyl-2-Pentanone	8.57	43	1148787	287.58	ug/l	100
52) Toluene	8.78	92	632492	56.28	ug/l	100
53) t-1,3-Dichloropropene	9.16	75	452167	63.37	ug/l	100
54) cis-1,3-Dichloropropene	8.34	75	520803	62.99	ug/l	100
55) 1,1,2-Trichloroethane	9.43	97	220031	54.62	ug/l	100
56) Ethyl methacrylate	9.29	69	283290	60.50	ug/l	100
57) 1,3-Dichloropropane	9.65	76	401352	59.83	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.16	63	707950	294.07	ug/l	100
59) 2-Hexanone	9.76	43	821731	290.60	ug/l	100
60) Dibromochloromethane	9.94	129	332109	58.39	ug/l	100
61) 1,2-Dibromoethane	10.07	107	256414	56.63	ug/l	100
64) Tetrachloroethene	9.49	164	315532	51.53	ug/l	100
65) Chlorobenzene	10.71	112	695877	54.04	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.84	131	271924	55.86	ug/l	100
67) Ethyl Benzene	10.85	91	1179312	54.61	ug/l	100
68) m/p-Xylenes	10.99	106	778990	108.01	ug/l	100
69) o-Xylene	11.39	106	392555	55.32	ug/l	100
70) Styrene	11.42	104	644275	53.42	ug/l	100
71) Bromoform	11.58	173	230836	57.01	ug/l	100
73) Isopropylbenzene	11.76	105	1101389	57.19	ug/l	100
74) N-amyl acetate	11.63	43	473404	63.23	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.07	83	285646	62.01	ug/l	100
76) 1,2,3-Trichloropropane	12.10	75	293548	61.49	ug/l	100
77) Bromobenzene	12.03	156	340906	56.48	ug/l	100
78) n-propylbenzene	12.15	91	1475919	59.74	ug/l	100
79) 2-Chlorotoluene	12.20	91	846040	58.68	ug/l	100
80) 1,3,5-Trimethylbenzene	12.30	105	886660	57.40	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.83	75	78438	70.59	ug/l	100
82) 4-Chlorotoluene	12.31	91	954905	57.89	ug/l	100
83) tert-Butylbenzene	12.57	119	1044876	62.87	ug/l	100
84) 1,2,4-Trimethylbenzene	12.62	105	952051	58.47	ug/l	100
85) sec-Butylbenzene	12.75	105	1096081	55.43	ug/l	100
86) p-Isopropyltoluene	12.87	119	968621	59.48	ug/l	100
87) 1,3-Dichlorobenzene	12.83	146	589364	58.63	ug/l	100
88) 1,4-Dichlorobenzene	12.91	146	570066	57.62	ug/l	100
89) n-Butylbenzene	13.19	91	972012	59.85	ug/l	100
90) Hexachloroethane	13.39	117	265069	64.83	ug/l	100
91) 1,2-Dichlorobenzene	13.18	146	480089	56.33	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.76	75	48635	64.29	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	421416	54.43	ug/l	100
94) Hexachlorobutadiene	14.43	225	337179	57.81	ug/l	100
95) Naphthalene	14.51	128	665317	60.24	ug/l	100
96) 1,2,3-Trichlorobenzene	14.66	180	391985	56.20	ug/l	100

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

