

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072518\
 Data File : VD059601.D
 Acq On : 25 Jul 2018 21:25
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 26 05:38:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	130015	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.68	114	166672	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.68	117	143507	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.91	152	73185	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.00	65	88378	54.07	ug/l	0.02
Spiked Amount	50.000		Recovery	=	108.14%	
35) Dibromofluoromethane	5.53	113	77640	54.30	ug/l	0.02
Spiked Amount	50.000		Recovery	=	108.60%	
50) Toluene-d8	8.70	98	163039	50.27	ug/l	0.02
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	11.92	95	78072	53.44	ug/l	0.01
Spiked Amount	50.000		Recovery	=	106.88%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.33	85	71806	50.12	ug/l	96
3) Chloromethane	1.47	50	33992	41.83	ug/l	97
4) Vinyl Chloride	1.54	62	40975	48.45	ug/l	91
5) Bromomethane	1.76	94	10593	65.29	ug/l	83
6) Chloroethane	1.85	64	23857	96.44	ug/l	96
7) Trichlorofluoromethane	2.06	101	84933	58.87	ug/l	98
8) Diethyl Ether	2.32	74	13595	49.85	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.53	101	41105	54.07	ug/l	95
10) Methyl Iodide	2.68	142	47398	48.12	ug/l	96
11) Tert butyl alcohol	3.25	59	17748	272.18	ug/l #	91
12) 1,1-Dichloroethene	2.52	96	29612	53.74	ug/l	84
13) Acrolein	2.45	56	9288	276.48	ug/l #	79
14) Allyl chloride	2.90	41	67242	50.33	ug/l	98
15) Acrylonitrile	3.34	53	40908	289.27	ug/l	95
16) Acetone	2.59	43	58807	238.24	ug/l #	92
17) Carbon Disulfide	2.74	76	108947	49.78	ug/l	100
18) Methyl Acetate	2.91	43	25925	52.52	ug/l	99
19) Methyl tert-butyl Ether	3.39	73	132540	71.77	ug/l	94
20) Methylene Chloride	3.05	84	36175	51.40	ug/l	95
21) trans-1,2-Dichloroethene	3.37	96	40350	67.91	ug/l	96
22) Diisopropyl ether	4.04	45	169014	48.11	ug/l	90
23) Vinyl Acetate	4.00	43	541318	242.78	ug/l	99
24) 1,1-Dichloroethane	3.95	63	110694	49.91	ug/l	98
25) 2-Butanone	4.81	43	88445	234.96	ug/l	99
26) 2,2-Dichloropropane	4.77	77	110139	48.49	ug/l	97
27) cis-1,2-Dichloroethene	4.78	96	61119	51.50	ug/l	98
28) Bromochloromethane	5.13	49	49271	56.15	ug/l #	99
29) Tetrahydrofuran	5.17	42	43450	249.29	ug/l	99
30) Chloroform	5.30	83	135687	51.15	ug/l	98
31) Cyclohexane	5.57	56	72466	51.04	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	135257	52.67	ug/l	96
36) 1,1-Dichloropropene	5.73	75	91040	54.43	ug/l	94
37) Ethyl Acetate	4.90	43	44887	52.17	ug/l	97
38) Carbon Tetrachloride	5.71	117	124028	54.16	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.27	83	80172	52.13	ug/l	94
40) Benzene	5.99	78	179341	52.29	ug/l	100
41) Methacrylonitrile	5.11	41	24123	56.19	ug/l	98
42) 1,2-Dichloroethane	6.11	62	112940	54.66	ug/l	100
43) Isopropyl Acetate	7.61	43	62520	52.41	ug/l	97
44) Trichloroethene	6.97	130	65764	52.87	ug/l	96
45) 1,2-Dichloropropane	7.33	63	50076	52.14	ug/l	91
46) Dibromomethane	7.45	93	44501	54.81	ug/l	98
47) Bromodichloromethane	7.72	83	109072	56.25	ug/l	98
48) Methyl methacrylate	7.49	41	43301	54.73	ug/l	93
49) 1,4-Dioxane	7.48	88	7789	1051.28	ug/l	98
51) 4-Methyl-2-Pentanone	8.59	43	207043	259.89	ug/l	99
52) Toluene	8.80	92	111922	49.21	ug/l	97
53) t-1,3-Dichloropropene	9.18	75	89851	51.38	ug/l	100
54) cis-1,3-Dichloropropene	8.34	75	92919	53.50	ug/l	97
55) 1,1,2-Trichloroethane	9.44	97	43930	51.42	ug/l	97
56) Ethyl methacrylate	9.31	69	53863	55.56	ug/l	96
57) 1,3-Dichloropropane	9.65	76	70945	52.26	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.18	63	116270	255.26	ug/l	99
59) 2-Hexanone	9.78	43	149046	235.54	ug/l	96
60) Dibromochloromethane	9.95	129	76899	54.21	ug/l	97
61) 1,2-Dibromoethane	10.08	107	54237	53.57	ug/l	98
64) Tetrachloroethene	9.50	164	61700	47.44	ug/l	96
65) Chlorobenzene	10.71	112	142981	48.60	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.84	131	67831	53.01	ug/l	96
67) Ethyl Benzene	10.85	91	259814	51.38	ug/l	97
68) m/p-Xylenes	11.01	106	159910	94.68	ug/l	100
69) o-Xylene	11.40	106	74560	45.50	ug/l	90
70) Styrene	11.42	104	126250	46.46	ug/l	95
71) Bromoform	11.59	173	53574	51.42	ug/l	99
73) Isopropylbenzene	11.77	105	239224	46.27	ug/l	99
74) N-amyl acetate	11.64	43	85011	47.99	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.07	83	52469	49.71	ug/l	97
76) 1,2,3-Trichloropropane	12.11	75	59334	49.03	ug/l	100
77) Bromobenzene	12.03	156	71957	47.54	ug/l	92
78) n-propylbenzene	12.15	91	291684	46.43	ug/l	100
79) 2-Chlorotoluene	12.21	91	181450	48.45	ug/l	98
80) 1,3,5-Trimethylbenzene	12.32	105	191227	46.85	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.84	75	14613	47.23	ug/l	95
82) 4-Chlorotoluene	12.32	91	208131	49.14	ug/l	87
83) tert-Butylbenzene	12.57	119	217691	47.37	ug/l	99
84) 1,2,4-Trimethylbenzene	12.62	105	209398	48.26	ug/l	98
85) sec-Butylbenzene	12.75	105	227441	43.31	ug/l	97
86) p-Isopropyltoluene	12.88	119	208730	47.16	ug/l	95
87) 1,3-Dichlorobenzene	12.84	146	118612	46.34	ug/l	98
88) 1,4-Dichlorobenzene	12.93	146	114426	46.40	ug/l	98
89) n-Butylbenzene	13.19	91	195503	45.75	ug/l	98
90) Hexachloroethane	13.40	117	60722	51.35	ug/l	88
91) 1,2-Dichlorobenzene	13.19	146	97584	45.44	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.77	75	11081	52.07	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.33	180	82389	46.32	ug/l	94
94) Hexachlorobutadiene	14.43	225	68683	48.96	ug/l	100
95) Naphthalene	14.51	128	124054	49.04	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	75913	47.17	ug/l	97

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

