

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081518\
 Data File : VD059794.D
 Acq On : 15 Aug 2018 6:30
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 15 17:52:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 15 16:08:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	269997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	367446	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.69	117	305897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	161586	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	195648	56.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	112.80%	
35) Dibromofluoromethane	5.56	113	178544	55.76	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	111.52%	
50) Toluene-d8	8.71	98	428788	56.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	113.08%	
62) 4-Bromofluorobenzene	11.93	95	182360	53.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.35	85	166349	50.56	ug/l	99
3) Chloromethane	1.48	50	100433	55.61	ug/l	99
4) Vinyl Chloride	1.56	62	104664	54.71	ug/l	99
5) Bromomethane	1.80	94	39966	65.61	ug/l	92
6) Chloroethane	1.89	64	46909	58.79	ug/l	98
7) Trichlorofluoromethane	2.09	101	158993	52.92	ug/l	98
8) Diethyl Ether	2.35	74	32291	55.86	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.57	101	92358	54.81	ug/l	95
10) Methyl Iodide	2.70	142	108552	52.62	ug/l	95
11) Tert butyl alcohol	3.26	59	36369	296.32	ug/l	96
12) 1,1-Dichloroethene	2.56	96	66135	54.29	ug/l	91
13) Acrolein	2.48	56	30818	271.60	ug/l	90
14) Allyl chloride	2.93	41	166628	54.43	ug/l	95
15) Acrylonitrile	3.36	53	124098	288.60	ug/l	98
16) Acetone	2.61	43	149562	273.19	ug/l	98
17) Carbon Disulfide	2.76	76	239761	58.73	ug/l	97
18) Methyl Acetate	2.94	43	63217	54.03	ug/l	100
19) Methyl tert-butyl Ether	3.41	73	318945	53.64	ug/l	99
20) Methylene Chloride	3.08	84	79389	53.75	ug/l	97
21) trans-1,2-Dichloroethene	3.39	96	131683	54.86	ug/l	99
22) Diisopropyl ether	4.08	45	445395	53.93	ug/l	99
23) Vinyl Acetate	4.02	43	1295746	277.06	ug/l	99
24) 1,1-Dichloroethane	3.98	63	261294	53.34	ug/l	99
25) 2-Butanone	4.84	43	253826	302.93	ug/l	98
26) 2,2-Dichloropropane	4.80	77	228911	51.10	ug/l	96
27) cis-1,2-Dichloroethene	4.81	96	143023	54.38	ug/l	95
28) Bromochloromethane	5.15	49	103814	54.01	ug/l	98
29) Tetrahydrofuran	5.18	42	102317	286.20	ug/l	98
30) Chloroform	5.33	83	311896	53.02	ug/l	100
31) Cyclohexane	5.60	56	173455	49.23	ug/l	98
32) 1,1,1-Trichloroethane	5.52	97	276943	53.54	ug/l	98
36) 1,1-Dichloropropene	5.75	75	194899	51.70	ug/l	97
37) Ethyl Acetate	4.93	43	106646	56.56	ug/l	100
38) Carbon Tetrachloride	5.73	117	234575	51.57	ug/l	98

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39) Methylcyclohexane	7.29	83	169743	52.05	ug/l	96
40) Benzene	6.02	78	421949	52.77	ug/l	98
41) Methacrylonitrile	5.12	41	52897	58.64	ug/l	96
42) 1,2-Dichloroethane	6.14	62	242828	56.11	ug/l	99
43) Isopropyl Acetate	7.62	43	138695	58.25	ug/l #	94
44) Trichloroethene	6.98	130	144113	52.63	ug/l	91
45) 1,2-Dichloropropane	7.35	63	116605	56.10	ug/l	99
46) Dibromomethane	7.46	93	93003	54.71	ug/l	96
47) Bromodichloromethane	7.74	83	229892	55.19	ug/l	95
48) Methyl methacrylate	7.50	41	91955	59.18	ug/l	99
49) 1,4-Dioxane	7.48	88	16363	1195.87	ug/l #	90
51) 4-Methyl-2-Pentanone	8.60	43	550255	305.72	ug/l	98
52) Toluene	8.80	92	281985	55.05	ug/l	99
53) t-1,3-Dichloropropene	9.19	75	197099	57.08	ug/l	99
54) cis-1,3-Dichloropropene	8.36	75	210127	56.30	ug/l	97
55) 1,1,2-Trichloroethane	9.45	97	98783	52.23	ug/l	96
56) Ethyl methacrylate	9.31	69	116078	56.68	ug/l	98
57) 1,3-Dichloropropane	9.67	76	161276	54.44	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.19	63	261961	258.78	ug/l	99
59) 2-Hexanone	9.79	43	399469	309.52	ug/l	100
60) Dibromochloromethane	9.96	129	153829	56.02	ug/l	99
61) 1,2-Dibromoethane	10.09	107	114712	54.76	ug/l	98
64) Tetrachloroethene	9.51	164	140284	53.25	ug/l	96
65) Chlorobenzene	10.72	112	319838	51.63	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.85	131	132318	52.99	ug/l	97
67) Ethyl Benzene	10.86	91	561192	52.61	ug/l	98
68) m/p-Xylenes	11.02	106	360558	99.73	ug/l	100
69) o-Xylene	11.41	106	181102	52.19	ug/l	90
70) Styrene	11.43	104	310651	50.48	ug/l	94
71) Bromoform	11.61	173	105679	58.23	ug/l	97
73) Isopropylbenzene	11.77	105	552018	53.95	ug/l	99
74) N-amyl acetate	11.65	43	178848	57.01	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.08	83	109945	52.92	ug/l	99
76) 1,2,3-Trichloropropane	12.12	75	123428	53.84	ug/l	98
77) Bromobenzene	12.04	156	159454	54.54	ug/l	82
78) n-propylbenzene	12.16	91	692733	54.28	ug/l	98
79) 2-Chlorotoluene	12.22	91	405679	52.71	ug/l	96
80) 1,3,5-Trimethylbenzene	12.32	105	433344	52.90	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.84	75	32119	59.88	ug/l	89
82) 4-Chlorotoluene	12.32	91	445758	51.03	ug/l	92
83) tert-Butylbenzene	12.58	119	474275	52.39	ug/l	94
84) 1,2,4-Trimethylbenzene	12.63	105	458472	51.93	ug/l	99
85) sec-Butylbenzene	12.76	105	572684	54.58	ug/l	98
86) p-Isopropyltoluene	12.88	119	450663	51.33	ug/l	96
87) 1,3-Dichlorobenzene	12.85	146	279806	53.37	ug/l	98
88) 1,4-Dichlorobenzene	12.92	146	268759	51.71	ug/l	94
89) n-Butylbenzene	13.20	91	458862	51.69	ug/l	97
90) Hexachloroethane	13.41	117	126743	57.53	ug/l	82
91) 1,2-Dichlorobenzene	13.19	146	227631	52.79	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.77	75	22888	61.75	ug/l	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	198322	55.01	ug/l	97
94) Hexachlorobutadiene	14.44	225	141056	53.00	ug/l	99
95) Naphthalene	14.52	128	300095	54.36	ug/l	99
96) 1,2,3-Trichlorobenzene	14.67	180	170351	53.54	ug/l	98

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

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