

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083118\
 Data File : VD059930.D
 Acq On : 31 Aug 2018 12:34
 Operator : JC/SY
 Sample : VD0831SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0831SBS01

Manual Integrations
 APPROVED

apatel
 9/4/2018 10:48:52 AM

Quant Time: Aug 31 14:44:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1266937	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.43	114	1759176	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1505591	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	793394	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.77	65	528115	49.46	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	98.92%	
35) Dibromofluoromethane	6.29	113	678748	49.21	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	98.42%	
50) Toluene-d8	9.43	98	1904304	49.75	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.41	95	731182	47.03	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	94.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	182901	16.15	ug/l	100
3) Chloromethane	1.74	50	172308	16.80	ug/l	98
4) Vinyl Chloride	1.84	62	142037	17.66	ug/l	95
5) Bromomethane	2.11	94	14444	10.40	ug/l	89
6) Chloroethane	2.22	64	33519	11.52	ug/l	96
7) Trichlorofluoromethane	2.48	101	166012	17.84	ug/l	99
8) Diethyl Ether	2.80	74	41563	19.91	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.06	101	120994	21.23	ug/l	96
10) Methyl Iodide	3.21	142	93220	17.75	ug/l	93
11) Tert butyl alcohol	3.95	59	87570	107.48	ug/l	98
12) 1,1-Dichloroethene	3.05	96	91247	20.57	ug/l	93
13) Acrolein	2.96	56	24650	69.75	ug/l	99
14) Allyl chloride	3.51	41	190522	18.98	ug/l	95
15) Acrylonitrile	4.06	53	312016	102.26	ug/l	97
16) Acetone	3.13	43	202953	104.32	ug/l	98
17) Carbon Disulfide	3.28	76	212620	15.44	ug/l	100
18) Methyl Acetate	3.53	43	74902	18.44	ug/l	96
19) Methyl tert-butyl Ether	4.10	73	501002	19.96	ug/l	99
20) Methylene Chloride	3.69	84	300734	21.00	ug/l	97
21) trans-1,2-Dichloroethene	4.07	96	224379	18.35	ug/l	99
22) Diisopropyl ether	4.83	45	1036706	20.25	ug/l	99
23) Vinyl Acetate	4.78	43	2981914	104.20	ug/l	100
24) 1,1-Dichloroethane	4.73	63	428548	19.38	ug/l	100
25) 2-Butanone	5.59	43	530147	92.01	ug/l	97
26) 2,2-Dichloropropane	5.56	77	373820	20.22	ug/l	94
27) cis-1,2-Dichloroethene	5.57	96	264443	19.76	ug/l	99
28) Bromochloromethane	5.90	49	221830	20.93	ug/l	99
29) Tetrahydrofuran	5.93	42	284863	103.85	ug/l	99
30) Chloroform	6.08	83	458431	20.40	ug/l	99
31) Cyclohexane	6.34	56	343493	16.89	ug/l	96
32) 1,1,1-Trichloroethane	6.26	97	362065	18.98	ug/l	99
36) 1,1-Dichloropropene	6.50	75	302479	18.97	ug/l	97
37) Ethyl Acetate	5.67	43	255495	20.59	ug/l	99
38) Carbon Tetrachloride	6.47	117	303616	18.87	ug/l	97

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39) Methylcyclohexane	8.02	83	306888	17.81	ug/l	96
40) Benzene	6.77	78	805244	19.42	ug/l	100
41) Methacrylonitrile	5.91	41	132102m	21.13	ug/l	
42) 1,2-Dichloroethane	6.87	62	265612	19.95	ug/l	97
43) Isopropyl Acetate	8.33	43	320808	19.87	ug/l #	97
44) Trichloroethene	7.72	130	234872	19.24	ug/l	97
45) 1,2-Dichloropropane	8.08	63	231842	20.00	ug/l	95
46) Dibromomethane	8.19	93	146320	19.63	ug/l	96
47) Bromodichloromethane	8.47	83	341938	20.27	ug/l	98
48) Methyl methacrylate	8.22	41	186001	19.76	ug/l	98
49) 1,4-Dioxane	8.21	88	35826	426.40	ug/l	92
51) 4-Methyl-2-Pentanone	9.32	43	1079358	89.68	ug/l	98
52) Toluene	9.53	92	523487	19.69	ug/l	98
53) t-1,3-Dichloropropene	9.91	75	310707	19.91	ug/l	99
54) cis-1,3-Dichloropropene	9.09	75	360114	19.90	ug/l	98
55) 1,1,2-Trichloroethane	10.16	97	196683	20.24	ug/l	97
56) Ethyl methacrylate	10.01	69	227585	20.29	ug/l	97
57) 1,3-Dichloropropane	10.37	76	286237	20.35	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.90	63	609980	113.36	ug/l	99
59) 2-Hexanone	10.48	43	828381	93.31	ug/l	98
60) Dibromochloromethane	10.62	129	243595	19.94	ug/l	97
61) 1,2-Dibromoethane	10.74	107	196119	19.96	ug/l	99
64) Tetrachloroethene	10.24	164	220408	18.93	ug/l	97
65) Chlorobenzene	11.30	112	590653	19.74	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.41	131	223593	20.46	ug/l	98
67) Ethyl Benzene	11.42	91	1027036	20.40	ug/l	100
68) m/p-Xylenes	11.56	106	756960	41.30	ug/l	100
69) o-Xylene	11.92	106	353133	19.70	ug/l	94
70) Styrene	11.94	104	624415	20.12	ug/l	97
71) Bromoform	12.11	173	177514	18.77	ug/l #	99
73) Isopropylbenzene	12.27	105	977682	19.30	ug/l	98
74) N-amyl acetate	12.13	43	438119	19.76	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.55	83	236760	20.21	ug/l	99
76) 1,2,3-Trichloropropane	12.59	75	238811	19.37	ug/l	99
77) Bromobenzene	12.53	156	288922	20.58	ug/l	87
78) n-propylbenzene	12.63	91	1247491	19.45	ug/l	100
79) 2-Chlorotoluene	12.70	91	706688	19.49	ug/l	95
80) 1,3,5-Trimethylbenzene	12.79	105	820875	20.39	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.34	75	69469	18.11	ug/l	96
82) 4-Chlorotoluene	12.80	91	842226	20.36	ug/l	93
83) tert-Butylbenzene	13.03	119	928178	20.24	ug/l	92
84) 1,2,4-Trimethylbenzene	13.08	105	845264	20.14	ug/l	100
85) sec-Butylbenzene	13.21	105	1085434	20.12	ug/l	99
86) p-Isopropyltoluene	13.33	119	888179	20.25	ug/l	95
87) 1,3-Dichlorobenzene	13.30	146	501078	19.99	ug/l	97
88) 1,4-Dichlorobenzene	13.38	146	500548	20.01	ug/l	97
89) n-Butylbenzene	13.63	91	911900	19.10	ug/l	95
90) Hexachloroethane	13.85	117	208076	17.66	ug/l	86
91) 1,2-Dichlorobenzene	13.65	146	455292	21.36	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.22	75	34260	19.02	ug/l	64

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93) 1,2,4-Trichlorobenzene	14.78	180	361508	19.81	ug/l	97
94) Hexachlorobutadiene	14.87	225	238960	19.97	ug/l	98
95) Naphthalene	14.96	128	558930	20.04	ug/l	99
96) 1,2,3-Trichlorobenzene	15.11	180	306210	19.62	ug/l	99

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

