

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082718\
 Data File : VD059911.D
 Acq On : 27 Aug 2018 13:02
 Operator : JC/SY
 Sample : VD0827SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBS01

Manual Integrations
 APPROVED

apatel
 8/28/2018 2:12:32 PM

Quant Time: Aug 27 15:00:02 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	6.39	168	1151013	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.42	114	1645774	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1376153	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	723118	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.76	65	498970	51.43	ug/l	-0.03
Spiked Amount						
			Recovery	=	102.86%	
35) Dibromofluoromethane	6.30	113	643837	49.90	ug/l	-0.03
Spiked Amount						
			Recovery	=	99.80%	
50) Toluene-d8	9.44	98	1799408	50.25	ug/l	-0.02
Spiked Amount						
			Recovery	=	100.50%	
62) 4-Bromofluorobenzene	12.42	95	690266	47.46	ug/l	-0.01
Spiked Amount						
			Recovery	=	94.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	181959	17.68	ug/l	100
3) Chloromethane	1.74	50	165750	17.78	ug/l	95
4) Vinyl Chloride	1.83	62	133307	18.24	ug/l	98
5) Bromomethane	2.12	94	12160	9.64	ug/l	87
6) Chloroethane	2.23	64	31523	11.90	ug/l	98
7) Trichlorofluoromethane	2.48	101	156150	18.47	ug/l	99
8) Diethyl Ether	2.80	74	36701	19.35	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.06	101	107267	20.72	ug/l	94
10) Methyl Iodide	3.22	142	83477	17.55	ug/l	99
11) Tert butyl alcohol	3.96	59	81125	109.59	ug/l	100
12) 1,1-Dichloroethene	3.04	96	78785	19.54	ug/l	96
13) Acrolein	2.96	56	24564	76.51	ug/l	92
14) Allyl chloride	3.51	41	186023	20.40	ug/l	96
15) Acrylonitrile	4.06	53	288699	104.15	ug/l	97
16) Acetone	3.14	43	183498	103.82	ug/l	98
17) Carbon Disulfide	3.29	76	191577	15.31	ug/l	99
18) Methyl Acetate	3.53	43	71545	19.39	ug/l	96
19) Methyl tert-butyl Ether	4.10	73	464069	20.35	ug/l	99
20) Methylene Chloride	3.69	84	271089	20.81	ug/l	96
21) trans-1,2-Dichloroethene	4.07	96	210458	18.95	ug/l	100
22) Diisopropyl ether	4.83	45	942040	20.26	ug/l	97
23) Vinyl Acetate	4.77	43	2829066	108.82	ug/l	100
24) 1,1-Dichloroethane	4.73	63	405859	20.20	ug/l	99
25) 2-Butanone	5.60	43	475399	90.82	ug/l	97
26) 2,2-Dichloropropane	5.56	77	318079	18.94	ug/l	98
27) cis-1,2-Dichloroethene	5.57	96	235457	19.36	ug/l	99
28) Bromochloromethane	5.90	49	207558	21.55	ug/l	96
29) Tetrahydrofuran	5.94	42	267576	107.37	ug/l	98
30) Chloroform	6.08	83	419578	20.55	ug/l	100
31) Cyclohexane	6.34	56	322751	17.47	ug/l	96
32) 1,1,1-Trichloroethane	6.27	97	346621	20.00	ug/l	98
36) 1,1-Dichloropropene	6.50	75	285794	19.16	ug/l	96
37) Ethyl Acetate	5.68	43	226062	19.47	ug/l	98
38) Carbon Tetrachloride	6.48	117	281960	18.73	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.02	83	279813	17.36	ug/l	99
40) Benzene	6.77	78	757492	19.53	ug/l	100
41) Methacrylonitrile	5.91	41	129201m	22.09	ug/l	
42) 1,2-Dichloroethane	6.87	62	242723	19.49	ug/l	99
43) Isopropyl Acetate	8.34	43	300576	19.90	ug/l #	100
44) Trichloroethene	7.72	130	223617	19.58	ug/l	95
45) 1,2-Dichloropropane	8.09	63	213527	19.69	ug/l	97
46) Dibromomethane	8.20	93	139888	20.06	ug/l	98
47) Bromodichloromethane	8.48	83	309473	19.61	ug/l	99
48) Methyl methacrylate	8.23	41	173079	19.66	ug/l	97
49) 1,4-Dioxane	8.22	88	32832	417.69	ug/l	99
51) 4-Methyl-2-Pentanone	9.33	43	969041	86.06	ug/l	98
52) Toluene	9.54	92	481554	19.36	ug/l	97
53) t-1,3-Dichloropropene	9.90	75	288909	19.79	ug/l	96
54) cis-1,3-Dichloropropene	9.09	75	329750	19.48	ug/l	98
55) 1,1,2-Trichloroethane	10.17	97	181117	19.92	ug/l	97
56) Ethyl methacrylate	10.02	69	208670	19.89	ug/l	96
57) 1,3-Dichloropropane	10.37	76	275636	20.94	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.91	63	584174	116.04	ug/l	100
59) 2-Hexanone	10.48	43	763921	91.98	ug/l	99
60) Dibromochloromethane	10.63	129	229475	20.08	ug/l	94
61) 1,2-Dibromoethane	10.75	107	180652	19.65	ug/l	98
64) Tetrachloroethene	10.24	164	206621	19.42	ug/l	99
65) Chlorobenzene	11.31	112	562375	20.56	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.41	131	206091	20.63	ug/l	100
67) Ethyl Benzene	11.42	91	949838	20.65	ug/l	99
68) m/p-Xylenes	11.56	106	703342	41.99	ug/l	95
69) o-Xylene	11.93	106	348205	21.25	ug/l	98
70) Styrene	11.95	104	604615	21.31	ug/l	98
71) Bromoform	12.11	173	170943	19.77	ug/l	99
73) Isopropylbenzene	12.27	105	938356	20.33	ug/l	99
74) N-amyl acetate	12.13	43	418827	20.72	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.56	83	223222	20.91	ug/l	99
76) 1,2,3-Trichloropropane	12.59	75	232721	20.71	ug/l	99
77) Bromobenzene	12.53	156	270834	21.16	ug/l	96
78) n-propylbenzene	12.63	91	1195273	20.45	ug/l	97
79) 2-Chlorotoluene	12.70	91	678085	20.51	ug/l	99
80) 1,3,5-Trimethylbenzene	12.79	105	765740	20.87	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.33	75	67293	19.25	ug/l	98
82) 4-Chlorotoluene	12.81	91	806150	21.38	ug/l	97
83) tert-Butylbenzene	13.04	119	880303	21.06	ug/l	98
84) 1,2,4-Trimethylbenzene	13.09	105	805711	21.06	ug/l	97
85) sec-Butylbenzene	13.22	105	1023054	20.81	ug/l	97
86) p-Isopropyltoluene	13.34	119	837720	20.95	ug/l	98
87) 1,3-Dichlorobenzene	13.31	146	484671	21.21	ug/l	99
88) 1,4-Dichlorobenzene	13.39	146	490681	21.52	ug/l	98
89) n-Butylbenzene	13.64	91	880132	20.37	ug/l	97
90) Hexachloroethane	13.85	117	208236	19.40	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	436529	22.47	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.22	75	31378	19.11	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.78	180	344971	20.74	ug/l	98
94) Hexachlorobutadiene	14.87	225	227717	20.88	ug/l	98
95) Naphthalene	14.96	128	523418	20.59	ug/l	99
96) 1,2,3-Trichlorobenzene	15.11	180	300269	21.11	ug/l	97

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

