

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083018\
 Data File : VD059924.D
 Acq On : 30 Aug 2018 13:32
 Operator : JC/SY
 Sample : VD0830SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0830SBS01

Manual Integrations
 APPROVED

apatel
 8/31/2018 12:29:48 PM

Quant Time: Aug 30 18:17:16 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	1169901	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.42	114	1590621	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.28	117	1349465	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	725270	50.00	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.76	65	476167	48.29	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	96.58%	
35) Dibromofluoromethane	6.30	113	639556	51.29	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	102.58%	
50) Toluene-d8	9.44	98	1746924	50.48	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.42	95	670026	47.67	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	95.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	168779	16.14	ug/l	96
3) Chloromethane	1.73	50	152030	16.05	ug/l	99
4) Vinyl Chloride	1.82	62	120808	16.26	ug/l	97
5) Bromomethane	2.11	94	11907	9.28	ug/l	81
6) Chloroethane	2.22	64	29975	11.18	ug/l	94
7) Trichlorofluoromethane	2.47	101	149883	17.44	ug/l	96
8) Diethyl Ether	2.80	74	32129	16.66	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.05	101	101065	19.20	ug/l	97
10) Methyl Iodide	3.21	142	78777	16.54	ug/l	98
11) Tert butyl alcohol	3.96	59	80822	107.42	ug/l	96
12) 1,1-Dichloroethene	3.04	96	77054	18.81	ug/l	93
13) Acrolein	2.95	56	18544	56.83	ug/l	93
14) Allyl chloride	3.50	41	176598	19.05	ug/l	98
15) Acrylonitrile	4.06	53	261936	92.97	ug/l	99
16) Acetone	3.13	43	153082	85.21	ug/l	100
17) Carbon Disulfide	3.28	76	186359	14.65	ug/l	100
18) Methyl Acetate	3.52	43	67140	17.90	ug/l	99
19) Methyl tert-butyl Ether	4.10	73	425001	18.34	ug/l	99
20) Methylene Chloride	3.68	84	269916	20.30	ug/l	98
21) trans-1,2-Dichloroethene	4.07	96	195901	17.35	ug/l	98
22) Diisopropyl ether	4.83	45	891581	18.86	ug/l	96
23) Vinyl Acetate	4.77	43	2580743	97.66	ug/l	100
24) 1,1-Dichloroethane	4.72	63	389035	19.05	ug/l	100
25) 2-Butanone	5.60	43	458740	86.22	ug/l	99
26) 2,2-Dichloropropane	5.56	77	325323	19.06	ug/l	99
27) cis-1,2-Dichloroethene	5.57	96	237511	19.22	ug/l	94
28) Bromochloromethane	5.91	49	202703	20.71	ug/l	92
29) Tetrahydrofuran	5.94	42	242410	95.70	ug/l	99
30) Chloroform	6.08	83	399361	19.24	ug/l	98
31) Cyclohexane	6.34	56	314852	16.77	ug/l	99
32) 1,1,1-Trichloroethane	6.27	97	325223	18.46	ug/l	99
36) 1,1-Dichloropropene	6.50	75	270977	18.79	ug/l	99
37) Ethyl Acetate	5.68	43	203940	18.18	ug/l	98
38) Carbon Tetrachloride	6.48	117	276821	19.02	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.02	83	270762	17.38	ug/l	96
40) Benzene	6.77	78	716265	19.10	ug/l	99
41) Methacrylonitrile	5.90	41	121225m	21.45	ug/l	
42) 1,2-Dichloroethane	6.88	62	228616	18.99	ug/l	99
43) Isopropyl Acetate	8.34	43	282939	19.38	ug/l #	96
44) Trichloroethene	7.73	130	218532	19.80	ug/l	98
45) 1,2-Dichloropropane	8.09	63	200762	19.16	ug/l	99
46) Dibromomethane	8.20	93	130087	19.31	ug/l	97
47) Bromodichloromethane	8.47	83	296882	19.46	ug/l	100
48) Methyl methacrylate	8.23	41	159575	18.75	ug/l	98
49) 1,4-Dioxane	8.22	88	30346	399.45	ug/l	92
51) 4-Methyl-2-Pentanone	9.33	43	957288	87.97	ug/l	96
52) Toluene	9.54	92	470770	19.58	ug/l	97
53) t-1,3-Dichloropropene	9.91	75	272957	19.35	ug/l	98
54) cis-1,3-Dichloropropene	9.09	75	309064	18.89	ug/l	96
55) 1,1,2-Trichloroethane	10.17	97	171815	19.55	ug/l	95
56) Ethyl methacrylate	10.02	69	198252	19.55	ug/l	100
57) 1,3-Dichloropropane	10.37	76	255660	20.10	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.91	63	554233	113.91	ug/l	99
59) 2-Hexanone	10.48	43	714028	88.96	ug/l	96
60) Dibromochloromethane	10.63	129	212790	19.26	ug/l	99
61) 1,2-Dibromoethane	10.75	107	173080	19.48	ug/l	100
64) Tetrachloroethene	10.25	164	197263	18.91	ug/l	97
65) Chlorobenzene	11.31	112	537105	20.03	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.42	131	198165	20.23	ug/l	97
67) Ethyl Benzene	11.43	91	934496	20.71	ug/l	99
68) m/p-Xylenes	11.56	106	674891	41.09	ug/l	97
69) o-Xylene	11.93	106	325641	20.27	ug/l	92
70) Styrene	11.95	104	570521	20.51	ug/l	96
71) Bromoform	12.12	173	157956	18.63	ug/l #	98
73) Isopropylbenzene	12.27	105	918656	19.84	ug/l	99
74) N-amyl acetate	12.13	43	379912	18.74	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.56	83	205261	19.17	ug/l	98
76) 1,2,3-Trichloropropane	12.60	75	213911	18.98	ug/l	99
77) Bromobenzene	12.54	156	251500	19.59	ug/l	87
78) n-propylbenzene	12.64	91	1168253	19.93	ug/l	99
79) 2-Chlorotoluene	12.71	91	636149	19.19	ug/l	94
80) 1,3,5-Trimethylbenzene	12.79	105	734549	19.96	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.34	75	58539	16.69	ug/l	97
82) 4-Chlorotoluene	12.80	91	733101	19.39	ug/l	94
83) tert-Butylbenzene	13.04	119	810686	19.33	ug/l	93
84) 1,2,4-Trimethylbenzene	13.09	105	731689	19.07	ug/l	98
85) sec-Butylbenzene	13.22	105	952408	19.32	ug/l	99
86) p-Isopropyltoluene	13.34	119	805485	20.09	ug/l	96
87) 1,3-Dichlorobenzene	13.31	146	444334	19.39	ug/l	98
88) 1,4-Dichlorobenzene	13.38	146	456464	19.96	ug/l	96
89) n-Butylbenzene	13.64	91	824784	18.88	ug/l	97
90) Hexachloroethane	13.86	117	187826	17.44	ug/l	85
91) 1,2-Dichlorobenzene	13.66	146	407281	20.90	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.22	75	29441	17.88	ug/l	65

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.78	180	337906	20.25	ug/l	97
94) Hexachlorobutadiene	14.88	225	225083	20.58	ug/l	98
95) Naphthalene	14.97	128	485422	19.04	ug/l	99
96) 1,2,3-Trichlorobenzene	15.12	180	282858	19.82	ug/l	99

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

