

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082718\
 Data File : VD059910.D
 Acq On : 27 Aug 2018 12:33
 Operator : JC/SY
 Sample : VD0827SBS01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0827SBS01

Manual Integrations
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apatel
 8/28/2018 2:12:29 PM

Quant Time: Aug 27 14:58:36 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	1233376	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.43	114	1719739	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1436052	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	785120	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.77	65	534365	51.40	ug/l	-0.03
Spiked Amount						
			Recovery	=	102.80%	
35) Dibromofluoromethane	6.30	113	695027	51.55	ug/l	-0.03
Spiked Amount						
			Recovery	=	103.10%	
50) Toluene-d8	9.44	98	1884886	50.37	ug/l	-0.02
Spiked Amount						
			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.42	95	761204	50.09	ug/l	-0.02
Spiked Amount						
			Recovery	=	100.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	193339	17.54	ug/l	92
3) Chloromethane	1.74	50	176829	17.70	ug/l	99
4) Vinyl Chloride	1.84	62	141543	18.07	ug/l	98
5) Bromomethane	2.11	94	13275	9.82	ug/l #	66
6) Chloroethane	2.23	64	33815	11.91	ug/l	96
7) Trichlorofluoromethane	2.48	101	163206	18.01	ug/l	94
8) Diethyl Ether	2.81	74	39404	19.39	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	3.07	101	112521	20.28	ug/l	98
10) Methyl Iodide	3.21	142	78699	15.86	ug/l	98
11) Tert butyl alcohol	3.96	59	83099	104.76	ug/l	99
12) 1,1-Dichloroethene	3.05	96	85479	19.79	ug/l	93
13) Acrolein	2.97	56	30402	88.37	ug/l	100
14) Allyl chloride	3.51	41	188756	19.32	ug/l	98
15) Acrylonitrile	4.06	53	294940	99.30	ug/l	99
16) Acetone	3.15	43	173310	91.51	ug/l	99
17) Carbon Disulfide	3.28	76	204554	15.26	ug/l	98
18) Methyl Acetate	3.53	43	70186	17.75	ug/l	99
19) Methyl tert-butyl Ether	4.10	73	477864	19.56	ug/l	97
20) Methylene Chloride	3.70	84	270576	19.11	ug/l	96
21) trans-1,2-Dichloroethene	4.07	96	211992	17.81	ug/l	100
22) Diisopropyl ether	4.84	45	985212	19.77	ug/l	98
23) Vinyl Acetate	4.78	43	2879238	103.35	ug/l	99
24) 1,1-Dichloroethane	4.73	63	411236	19.10	ug/l	99
25) 2-Butanone	5.61	43	486534	86.74	ug/l	99
26) 2,2-Dichloropropane	5.57	77	342748	19.04	ug/l	100
27) cis-1,2-Dichloroethene	5.58	96	252375	19.37	ug/l	97
28) Bromochloromethane	5.90	49	211264	20.47	ug/l	98
29) Tetrahydrofuran	5.94	42	272133	101.91	ug/l	99
30) Chloroform	6.08	83	438852	20.06	ug/l	98
31) Cyclohexane	6.34	56	333785	16.86	ug/l	98
32) 1,1,1-Trichloroethane	6.28	97	358909	19.33	ug/l	99
36) 1,1-Dichloropropene	6.50	75	292560	18.77	ug/l	95
37) Ethyl Acetate	5.67	43	244401	20.15	ug/l	98
38) Carbon Tetrachloride	6.48	117	294772	18.74	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.03	83	299405	17.78	ug/l	99
40) Benzene	6.78	78	775153	19.12	ug/l	100
41) Methacrylonitrile	5.91	41	110161m	18.03	ug/l	
42) 1,2-Dichloroethane	6.88	62	257810	19.81	ug/l	99
43) Isopropyl Acetate	8.33	43	311486	19.74	ug/l #	98
44) Trichloroethene	7.72	130	229526	19.23	ug/l	100
45) 1,2-Dichloropropane	8.09	63	216080	19.07	ug/l	99
46) Dibromomethane	8.20	93	141874	19.47	ug/l	97
47) Bromodichloromethane	8.48	83	326372	19.79	ug/l	100
48) Methyl methacrylate	8.23	41	179728	19.54	ug/l	98
49) 1,4-Dioxane	8.22	88	32644	397.44	ug/l	94
51) 4-Methyl-2-Pentanone	9.33	43	1043421	88.68	ug/l	98
52) Toluene	9.53	92	511045	19.66	ug/l	100
53) t-1,3-Dichloropropene	9.91	75	304150	19.94	ug/l	99
54) cis-1,3-Dichloropropene	9.09	75	344986	19.51	ug/l	97
55) 1,1,2-Trichloroethane	10.17	97	185547	19.53	ug/l	98
56) Ethyl methacrylate	10.02	69	212692	19.40	ug/l	98
57) 1,3-Dichloropropane	10.37	76	277453	20.18	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.91	63	586375	111.47	ug/l	98
59) 2-Hexanone	10.48	43	787436	90.74	ug/l	98
60) Dibromochloromethane	10.63	129	236493	19.80	ug/l	100
61) 1,2-Dibromoethane	10.75	107	186889	19.45	ug/l	94
64) Tetrachloroethene	10.24	164	211552	19.05	ug/l	99
65) Chlorobenzene	11.30	112	565869	19.83	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.41	131	215301	20.65	ug/l	100
67) Ethyl Benzene	11.42	91	992425	20.67	ug/l	100
68) m/p-Xylenes	11.56	106	732911	41.93	ug/l	98
69) o-Xylene	11.92	106	343784	20.11	ug/l	93
70) Styrene	11.95	104	597892	20.20	ug/l	100
71) Bromoform	12.11	173	175399	19.44	ug/l	97
73) Isopropylbenzene	12.27	105	954143	19.04	ug/l	99
74) N-amyl acetate	12.13	43	418458	19.07	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.55	83	226199	19.51	ug/l	99
76) 1,2,3-Trichloropropane	12.59	75	240876	19.74	ug/l	100
77) Bromobenzene	12.53	156	274504	19.76	ug/l	93
78) n-propylbenzene	12.63	91	1253174	19.75	ug/l	100
79) 2-Chlorotoluene	12.70	91	702910	19.59	ug/l	96
80) 1,3,5-Trimethylbenzene	12.79	105	778015	19.53	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.34	75	67365	17.75	ug/l	99
82) 4-Chlorotoluene	12.80	91	794449	19.41	ug/l	91
83) tert-Butylbenzene	13.05	119	872932	19.23	ug/l	98
84) 1,2,4-Trimethylbenzene	13.08	105	817384	19.68	ug/l	99
85) sec-Butylbenzene	13.21	105	1058867	19.84	ug/l	100
86) p-Isopropyltoluene	13.34	119	855151	19.70	ug/l	99
87) 1,3-Dichlorobenzene	13.30	146	490144	19.76	ug/l	95
88) 1,4-Dichlorobenzene	13.39	146	498354	20.13	ug/l	98
89) n-Butylbenzene	13.65	91	927133	19.69	ug/l	98
90) Hexachloroethane	13.85	117	205693	17.65	ug/l	95
91) 1,2-Dichlorobenzene	13.66	146	444971	21.10	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.23	75	31926	17.91	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.79	180	348451	19.29	ug/l	98
94) Hexachlorobutadiene	14.88	225	235138	19.86	ug/l	99
95) Naphthalene	14.96	128	543353	19.69	ug/l	99
96) 1,2,3-Trichlorobenzene	15.11	180	304442	19.71	ug/l	97

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

