

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091718\
 Data File : VD060015.D
 Acq On : 17 Sep 2018 12:20
 Operator : JC/SY
 Sample : VD0917SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0917SBS01

Manual Integrations
 APPROVED

apatel
 9/18/2018 12:22:16 PM

Quant Time: Sep 17 14:34:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 16:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1532982	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.43	114	2073236	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.28	117	1737895	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	934394	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.77	65	622992	52.11	ug/l	0.01
Spiked Amount	50.000		Recovery	=	104.22%	
35) Dibromofluoromethane	6.31	113	817649	50.48	ug/l	0.01
Spiked Amount	50.000		Recovery	=	100.96%	
50) Toluene-d8	9.45	98	2360582	52.59	ug/l	0.01
Spiked Amount	50.000		Recovery	=	105.18%	
62) 4-Bromofluorobenzene	12.42	95	900621	52.52	ug/l	0.01
Spiked Amount	50.000		Recovery	=	105.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	288163	17.81	ug/l	98
3) Chloromethane	1.74	50	303944	21.26	ug/l	99
4) Vinyl Chloride	1.83	62	244390	21.27	ug/l	98
5) Bromomethane	2.12	94	20655	15.19	ug/l	99
6) Chloroethane	2.23	64	62893	24.48	ug/l	99
7) Trichlorofluoromethane	2.48	101	280173	22.15	ug/l	98
8) Diethyl Ether	2.81	74	56802	21.12	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.06	101	176523	22.13	ug/l	100
10) Methyl Iodide	3.23	142	176027	20.83	ug/l	90
11) Tert butyl alcohol	3.96	59	86648	89.83	ug/l #	92
12) 1,1-Dichloroethene	3.05	96	140245	22.23	ug/l	96
13) Acrolein	2.96	56	58322	97.63	ug/l	98
14) Allyl chloride	3.52	41	288594	21.70	ug/l	98
15) Acrylonitrile	4.07	53	372342	102.26	ug/l	97
16) Acetone	3.14	43	261865	113.46	ug/l	96
17) Carbon Disulfide	3.29	76	460574	21.19	ug/l	98
18) Methyl Acetate	3.54	43	93766	19.98	ug/l	99
19) Methyl tert-butyl Ether	4.11	73	601878	20.65	ug/l	99
20) Methylene Chloride	3.69	84	401585	20.15	ug/l	97
21) trans-1,2-Dichloroethene	4.08	96	339293	20.50	ug/l	90
22) Diisopropyl ether	4.83	45	1291713	21.29	ug/l	96
23) Vinyl Acetate	4.79	43	3635773	105.77	ug/l	99
24) 1,1-Dichloroethane	4.74	63	564071	20.72	ug/l	99
25) 2-Butanone	5.60	43	696700	111.86	ug/l	100
26) 2,2-Dichloropropane	5.57	77	448389	21.18	ug/l	98
27) cis-1,2-Dichloroethene	5.57	96	359807	20.78	ug/l	96
28) Bromochloromethane	5.91	49	267142	20.41	ug/l	99
29) Tetrahydrofuran	5.94	42	336506	100.74	ug/l	99
30) Chloroform	6.08	83	561522	20.33	ug/l	100
31) Cyclohexane	6.35	56	533271	20.09	ug/l	100
32) 1,1,1-Trichloroethane	6.28	97	459354	20.06	ug/l	99
36) 1,1-Dichloropropene	6.51	75	439918	21.36	ug/l	98
37) Ethyl Acetate	5.68	43	295621	20.87	ug/l	98
38) Carbon Tetrachloride	6.49	117	409941	21.32	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.02	83	498850	21.41	ug/l	98
40) Benzene	6.78	78	1139664	21.71	ug/l	98
41) Methacrylonitrile	5.91	41	149726m	20.19	ug/l	
42) 1,2-Dichloroethane	6.88	62	327193	20.76	ug/l	98
43) Isopropyl Acetate	8.34	43	374839	19.77	ug/l #	99
44) Trichloroethene	7.73	130	340584	21.00	ug/l	98
45) 1,2-Dichloropropane	8.09	63	301711	21.50	ug/l	99
46) Dibromomethane	8.21	93	188026	20.53	ug/l	93
47) Bromodichloromethane	8.49	83	416245	21.08	ug/l	99
48) Methyl methacrylate	8.24	41	213731	20.24	ug/l	98
49) 1,4-Dioxane	8.22	88	39687	378.36	ug/l	99
51) 4-Methyl-2-Pentanone	9.33	43	1526098	110.38	ug/l	98
52) Toluene	9.54	92	720388	21.41	ug/l	99
53) t-1,3-Dichloropropene	9.91	75	377986	20.53	ug/l	100
54) cis-1,3-Dichloropropene	9.10	75	456671	20.76	ug/l	96
55) 1,1,2-Trichloroethane	10.18	97	234708	20.09	ug/l	97
56) Ethyl methacrylate	10.03	69	262135	20.23	ug/l	98
57) 1,3-Dichloropropane	10.37	76	356575	20.68	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.92	63	701791	112.16	ug/l	99
59) 2-Hexanone	10.48	43	1109141	111.56	ug/l	97
60) Dibromochloromethane	10.63	129	296928	20.88	ug/l	98
61) 1,2-Dibromoethane	10.75	107	248410	20.60	ug/l	93
64) Tetrachloroethene	10.25	164	312309	20.37	ug/l	98
65) Chlorobenzene	11.31	112	794064	21.25	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.42	131	272301	21.61	ug/l	99
67) Ethyl Benzene	11.43	91	1331437	22.14	ug/l	99
68) m/p-Xylenes	11.57	106	1035074	46.61	ug/l	97
69) o-Xylene	11.93	106	481953	21.90	ug/l	98
70) Styrene	11.95	104	825983	22.33	ug/l	96
71) Bromoform	12.12	173	206351	19.06	ug/l	97
73) Isopropylbenzene	12.27	105	1297940	21.18	ug/l	99
74) N-amyl acetate	12.13	43	483585	19.92	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.56	83	288720	20.77	ug/l	100
76) 1,2,3-Trichloropropane	12.60	75	288507	20.22	ug/l	96
77) Bromobenzene	12.54	156	372731	21.11	ug/l	94
78) n-propylbenzene	12.64	91	1665959	21.62	ug/l	99
79) 2-Chlorotoluene	12.71	91	905158	20.81	ug/l	98
80) 1,3,5-Trimethylbenzene	12.79	105	1030699	21.94	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.34	75	82599	19.17	ug/l	97
82) 4-Chlorotoluene	12.81	91	1012904	21.18	ug/l	98
83) tert-Butylbenzene	13.04	119	1143914	21.02	ug/l	94
84) 1,2,4-Trimethylbenzene	13.09	105	1085789	21.66	ug/l	100
85) sec-Butylbenzene	13.22	105	1392371	21.56	ug/l	98
86) p-Isopropyltoluene	13.34	119	1151667	22.04	ug/l	96
87) 1,3-Dichlorobenzene	13.31	146	670239	21.83	ug/l	98
88) 1,4-Dichlorobenzene	13.39	146	659041	21.17	ug/l	97
89) n-Butylbenzene	13.64	91	1188529	21.14	ug/l	96
90) Hexachloroethane	13.86	117	263725	20.38	ug/l	89
91) 1,2-Dichlorobenzene	13.66	146	576993	20.30	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.22	75	38023	17.94	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.78	180	455454	20.82	ug/l	98
94) Hexachlorobutadiene	14.88	225	309098	21.36	ug/l	99
95) Naphthalene	14.96	128	664429	19.67	ug/l	99
96) 1,2,3-Trichlorobenzene	15.11	180	390347	20.25	ug/l	97

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

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