

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091318\
 Data File : VD059998.D
 Acq On : 13 Sep 2018 15:31
 Operator : JC/SY
 Sample : VSTDCC150
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCC150

Manual Integrations
 APPROVED

apatel
 9/14/2018 10:58:00 AM

Quant Time: Sep 13 15:53:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 15:36:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1634245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.43	114	2236092	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1805408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	915420	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.77	65	1669673	123.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	246.88%	
35) Dibromofluoromethane	6.31	113	2455617	140.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	281.40%	
50) Toluene-d8	9.45	98	6725689	139.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	279.40%	
62) 4-Bromofluorobenzene	12.42	95	2318064	118.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	237.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.56	85	2404000m	157.07	ug/l	
3) Chloromethane	1.74	50	2287633	168.87	ug/l	98
4) Vinyl Chloride	1.83	62	1799334	168.52	ug/l	99
5) Bromomethane	2.12	94	155400	83.21	ug/l	90
6) Chloroethane	2.20	64	138946	42.34	ug/l	100
7) Trichlorofluoromethane	2.47	101	1776556	142.48	ug/l	97
8) Diethyl Ether	2.80	74	391528	142.57	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.06	101	1141757	149.03	ug/l	99
10) Methyl Iodide	3.22	142	1482656	209.32	ug/l	97
11) Tert butyl alcohol	3.98	59	669143	645.59	ug/l	99
12) 1,1-Dichloroethene	3.04	96	896978	150.48	ug/l	93
13) Acrolein	2.96	56	390123	830.38	ug/l	99
14) Allyl chloride	3.50	41	1941278	146.30	ug/l	100
15) Acrylonitrile	4.06	53	2449293	625.07	ug/l	99
16) Acetone	3.15	43	1400038	565.52	ug/l	99
17) Carbon Disulfide	3.29	76	3258274	172.78	ug/l	98
18) Methyl Acetate	3.53	43	617605	118.86	ug/l	99
19) Methyl tert-butyl Ether	4.10	73	4079119	126.92	ug/l	100
20) Methylene Chloride	3.69	84	2303151	114.03	ug/l	99
21) trans-1,2-Dichloroethene	4.06	96	2377681	146.10	ug/l	97
22) Diisopropyl ether	4.83	45	8283232	124.93	ug/l	98
23) Vinyl Acetate	4.78	43	22089577	596.64	ug/l	99
24) 1,1-Dichloroethane	4.73	63	3943383	136.53	ug/l	100
25) 2-Butanone	5.61	43	3795573	530.90	ug/l	98
26) 2,2-Dichloropropane	5.56	77	2822546	117.67	ug/l	97
27) cis-1,2-Dichloroethene	5.57	96	2459202	139.61	ug/l	98
28) Bromochloromethane	5.90	49	1866071	137.46	ug/l	98
29) Tetrahydrofuran	5.93	42	2217833	627.70	ug/l	99
30) Chloroform	6.08	83	4002245	136.12	ug/l	99
31) Cyclohexane	6.35	56	3562553	132.09	ug/l	99
32) 1,1,1-Trichloroethane	6.27	97	3327627	133.68	ug/l	99
36) 1,1-Dichloropropene	6.50	75	2800941	135.02	ug/l	98
37) Ethyl Acetate	5.68	43	2009913	128.06	ug/l	97
38) Carbon Tetrachloride	6.47	117	2725046	130.93	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.02	83	3371496	149.06	ug/l	98
40) Benzene	6.78	78	7204485	133.32	ug/l	100
41) Methacrylonitrile	5.91	41	926955m	116.31	ug/l	
42) 1,2-Dichloroethane	6.88	62	2304949	135.77	ug/l	99
43) Isopropyl Acetate	8.33	43	2752890	133.92	ug/l #	98
44) Trichloroethene	7.72	130	2431162	151.78	ug/l	98
45) 1,2-Dichloropropane	8.09	63	2093163	140.23	ug/l	99
46) Dibromomethane	8.21	93	1348238	140.33	ug/l	91
47) Bromodichloromethane	8.48	83	2891949	134.14	ug/l	98
48) Methyl methacrylate	8.24	41	1509954	126.21	ug/l	95
49) 1,4-Dioxane	8.23	88	296097	2731.57	ug/l	96
51) 4-Methyl-2-Pentanone	9.34	43	7623645	520.18	ug/l	96
52) Toluene	9.55	92	4707532	136.15	ug/l	98
53) t-1,3-Dichloropropene	9.91	75	2676155	134.57	ug/l	99
54) cis-1,3-Dichloropropene	9.09	75	3250100	139.20	ug/l	99
55) 1,1,2-Trichloroethane	10.18	97	1635277	131.20	ug/l	98
56) Ethyl methacrylate	10.03	69	1866419	130.73	ug/l	97
57) 1,3-Dichloropropane	10.37	76	2484679	137.55	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.92	63	4036407	590.19	ug/l	100
59) 2-Hexanone	10.48	43	5594539	517.63	ug/l	99
60) Dibromochloromethane	10.64	129	2117852	135.42	ug/l	99
61) 1,2-Dibromoethane	10.76	107	1796165	142.63	ug/l	98
64) Tetrachloroethene	10.24	164	2186267	150.93	ug/l	98
65) Chlorobenzene	11.31	112	5026217	136.49	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.42	131	1575728	118.74	ug/l	99
67) Ethyl Benzene	11.42	91	6876372	111.78	ug/l	96
68) m/p-Xylenes	11.56	106	5098974	225.46	ug/l	98
69) o-Xylene	11.93	106	2696269	122.23	ug/l	95
70) Styrene	11.96	104	4520093	119.17	ug/l	99
71) Bromoform	12.11	173	1640403	143.11	ug/l	99
73) Isopropylbenzene	12.27	105	7299039	122.58	ug/l	100
74) N-amyl acetate	12.13	43	3133439	123.21	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.56	83	1827880	133.56	ug/l	100
76) 1,2,3-Trichloropropane	12.60	75	1900150	133.29	ug/l	100
77) Bromobenzene	12.54	156	2249312	136.38	ug/l	98
78) n-propylbenzene	12.64	91	8910610	118.71	ug/l	97
79) 2-Chlorotoluene	12.70	91	5284120	124.65	ug/l	98
80) 1,3,5-Trimethylbenzene	12.79	105	5210862	110.58	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.34	75	624575	141.91	ug/l	99
82) 4-Chlorotoluene	12.81	91	5121531	106.56	ug/l	90
83) tert-Butylbenzene	13.05	119	6403328	119.64	ug/l	98
84) 1,2,4-Trimethylbenzene	13.09	105	5869978	119.95	ug/l	98
85) sec-Butylbenzene	13.22	105	7765328	123.66	ug/l	100
86) p-Isopropyltoluene	13.34	119	6014657	116.66	ug/l	96
87) 1,3-Dichlorobenzene	13.30	146	3667156	124.63	ug/l	98
88) 1,4-Dichlorobenzene	13.39	146	3581134	121.54	ug/l	98
89) n-Butylbenzene	13.64	91	4941411	95.95	ug/l	97
90) Hexachloroethane	13.86	117	1771700	129.74	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	2490182	100.41	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.22	75	275833	134.78	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.78	180	2652816	124.37	ug/l	97
94) Hexachlorobutadiene	14.88	225	1812379	129.22	ug/l	98
95) Naphthalene	14.97	128	4483770	138.17	ug/l	99
96) 1,2,3-Trichlorobenzene	15.12	180	2388750	130.61	ug/l	99

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

