

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080918\
 Data File : VV006952.D
 Acq On : 09 Aug 2018 14:37
 Operator : SY/MD
 Sample : VSTD02079
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02079

Quant Time: Aug 10 01:55:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 10 01:53:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	245015	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	237974	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	120790	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	320208	20.25	ug/L	0.00
7) Chloroethane-d5	1.58	69	261222	19.47	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	588288	19.82	ug/L	0.00
20) 2-Butanone-d5	3.97	46	1076762	236.74	ug/L	0.00
24) Chloroform-d	4.41	84	659888	20.57	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	347010	21.42	ug/L	0.00
32) Benzene-d6	5.10	84	1300926	21.28	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	436728	20.90	ug/L	0.00
41) Toluene-d8	7.36	98	1166839	22.43	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	166776	22.93	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	901603	303.22	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	359635	22.08	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	421613	20.06	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	467159	19.58	ug/L	99
3) Chloromethane	1.25	50	447507	19.49	ug/L	99
5) Vinyl chloride	1.32	62	463132	19.52	ug/L	99
6) Bromomethane	1.54	94	102279	19.86	ug/L	97
8) Chloroethane	1.60	64	273464	18.99	ug/L	99
9) Trichlorofluoromethane	1.77	101	583903	19.33	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	352293	19.44	ug/L	99
12) 1,1-Dichloroethene	2.14	96	333642	18.96	ug/L	94
13) Acetone	2.21	43	487872	208.31	ug/L	99
14) Carbon disulfide	2.32	76	1126992	19.40	ug/L	99
15) Methyl Acetate	2.47	43	140520	21.32	ug/L	94
16) Methylene chloride	2.54	84	364757	17.19	ug/L	100
17) Methyl tert-butyl Ether	2.82	73	878654	20.83	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	372784	19.79	ug/L	97
19) 1,1-Dichloroethane	3.23	63	650686	19.13	ug/L	99
21) 2-Butanone	4.05	43	1179237	231.91	ug/L	100
22) cis-1,2-Dichloroethene	3.97	96	421042	19.69	ug/L	94
23) Bromochloromethane	4.30	128	175397	20.13	ug/L	97
25) Chloroform	4.43	83	725249	19.49	ug/L	100
27) 1,2-Dichloroethane	5.19	62	477816	20.59	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	614818	19.38	ug/L	99
30) Cyclohexane	4.72	56	725465	21.97	ug/L	97
31) Carbon tetrachloride	4.88	117	521426	19.59	ug/L	100
33) Benzene	5.15	78	1699707	20.62	ug/L	100
34) Trichloroethene	5.96	95	397279	20.10	ug/L	97
35) Methylcyclohexane	6.18	83	726993	22.91	ug/L	98
37) 1,2-Dichloropropane	6.23	63	455719	20.19	ug/L	99
38) Bromodichloromethane	6.56	83	515411	20.10	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	610462	22.39	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	3007931	246.75	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	1721919	21.73	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	507923	22.70	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	296655	20.21	ug/L	95
47) Tetrachloroethene	8.02	164	318822	19.89	ug/L	99
48) 2-Hexanone	8.20	43	2190176	254.74	ug/L	98
49) Dibromochloromethane	8.30	129	330033	21.43	ug/L	97
50) 1,2-Dibromoethane	8.40	107	263303	21.23	ug/L #	99
51) Chlorobenzene	8.93	112	1047696	20.75	ug/L	99
52) Ethylbenzene	9.06	91	1852572	23.42	ug/L	100
53) m,p-xylene	9.19	106	699121	23.71	ug/L	99
54) o-xylene	9.59	106	665453	23.81	ug/L	100
55) Styrene	9.61	104	1190831	25.28	ug/L	99
56) Isopropylbenzene	9.98	105	1776811	24.24	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	382903	21.46	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	279344	22.11	ug/L	99
61) Bromoform	9.78	173	181787	19.87	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	778012	19.90	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	805551	20.11	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	775772	20.18	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	56174	20.58	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	613646	20.74	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	499582	23.01	ug/L	99
69) Naphthalene	13.56	128	860303	27.59	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	486980	23.27	ug/L	99

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

