

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080918\
 Data File : VV006949.D
 Acq On : 09 Aug 2018 13:17
 Operator : SY/MD
 Sample : VSTD00176
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00176

Quant Time: Aug 10 01:54:32 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	226422	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	213917	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	90518	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	14754	1.01	ug/L	0.00
7) Chloroethane-d5	1.58	69	12954	1.04	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	27138	0.99	ug/L	0.00
20) 2-Butanone-d5	3.99	46	37207	8.85	ug/L	0.02
24) Chloroform-d	4.41	84	30617	1.03	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	15279	1.02	ug/L	0.00
32) Benzene-d6	5.10	84	52860	0.96	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	18962	1.01	ug/L	0.00
41) Toluene-d8	7.37	98	41381	0.88	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	6113	0.94	ug/L	0.00
46) 2-Hexanone-d5	8.15	63	18361	6.87	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	14716	1.01	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	15966	1.01	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	21287	0.97	ug/L	100
3) Chloromethane	1.25	50	19937	0.94	ug/L	99
5) Vinyl chloride	1.32	62	21880	1.00	ug/L	99
6) Bromomethane	1.54	94	4422	0.93	ug/L	97
8) Chloroethane	1.60	64	13325	1.00	ug/L	99
9) Trichlorofluoromethane	1.77	101	26576	0.95	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	15902	0.95	ug/L	97
12) 1,1-Dichloroethene	2.14	96	15821	0.97	ug/L	93
13) Acetone	2.22	43	22431	10.36	ug/L	99
14) Carbon disulfide	2.32	76	52847	0.98	ug/L	99
15) Methyl Acetate	2.47	43	5382	0.88	ug/L	91
16) Methylene chloride	2.54	84	20445	1.04	ug/L	95
17) Methyl tert-butyl Ether	2.82	73	37926	0.97	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	16634	0.96	ug/L	92
19) 1,1-Dichloroethane	3.23	63	30776	0.98	ug/L	98
21) 2-Butanone	4.07	43	43763	9.31	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	19342	0.98	ug/L	100
23) Bromochloromethane	4.31	128	7860	0.98	ug/L	97
25) Chloroform	4.43	83	33400	0.97	ug/L	96
27) 1,2-Dichloroethane	5.19	62	20856	0.97	ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	27645	0.97	ug/L	99
30) Cyclohexane	4.72	56	26432	0.89	ug/L	98
31) Carbon tetrachloride	4.87	117	23602	0.99	ug/L	97
33) Benzene	5.15	78	67838	0.92	ug/L	100
34) Trichloroethene	5.96	95	16700	0.94	ug/L	93
35) Methylcyclohexane	6.18	83	24228	0.85	ug/L	97
37) 1,2-Dichloropropane	6.23	63	18319	0.90	ug/L	# 92
38) Bromodichloromethane	6.56	83	21717	0.94	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	21276	0.87	ug/L	92
40) 4-Methyl-2-pentanone	7.29	43	90700	8.28	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	61614	0.87	ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	18489	0.92	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	12988	0.98	ug/L	97
47) Tetrachloroethene	8.02	164	14169	0.98	ug/L	97
48) 2-Hexanone	8.20	43	59413	7.69	ug/L	95
49) Dibromochloromethane	8.30	129	12693	0.92	ug/L	98
50) 1,2-Dibromoethane	8.40	107	10325	0.93	ug/L #	99
51) Chlorobenzene	8.93	112	42608	0.94	ug/L	95
52) Ethylbenzene	9.06	91	58386	0.82	ug/L	98
53) m,p-xylene	9.19	106	21280	0.80	ug/L	99
54) o-xylene	9.59	106	20342	0.81	ug/L	98
55) Styrene	9.61	104	31869	0.75	ug/L	95
56) Isopropylbenzene	9.98	105	54047	0.82	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	14374	0.90	ug/L	95
59) 1,2,3-Trichloropropane	10.32	75	10703	0.94	ug/L	97
61) Bromoform	9.78	173	6711	0.98	ug/L	95
62) 1,3-Dichlorobenzene	11.23	146	28238	0.96	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	28770	0.96	ug/L	94
65) 1,2-Dichlorobenzene	11.70	146	27140	0.94	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.49	75	2097	1.03	ug/L	86
67) 1,3,5-Trichlorobenzene	12.70	180	20268	0.91	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	13468	0.83	ug/L	95
69) Naphthalene	13.56	128	17372	0.74	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	13416	0.86	ug/L	98

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

