

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070718\
 Data File : VV006553.D
 Acq On : 07 Jul 2018 09:13
 Operator : SY/MD
 Sample : VSTD00162
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00162

Quant Time: Jul 09 02:36:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jul 09 02:36:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	323377	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	290958	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	133390	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17617	0.86	ug/L	0.00
7) Chloroethane-d5	1.59	69	16131	0.95	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	33464	0.91	ug/L	0.00
20) 2-Butanone-d5	3.98	46	43333	10.62	ug/L	0.00
24) Chloroform-d	4.41	84	35351	0.98	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	16532	0.98	ug/L	0.00
32) Benzene-d6	5.11	84	66818	0.90	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	22031	0.98	ug/L	0.00
41) Toluene-d8	7.36	98	59077	0.85	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	6664	0.82	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	33964	10.02	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	16899	1.17	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	22750	0.92	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	24858	1.02	ug/L	98
3) Chloromethane	1.26	50	32035	1.25	ug/L	99
5) Vinyl chloride	1.32	62	29770	1.10	ug/L	95
6) Bromomethane	1.54	94	13792	0.92	ug/L	100
8) Chloroethane	1.60	64	18568	1.09	ug/L	99
9) Trichlorofluoromethane	1.77	101	33565	1.04	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	19603	0.97	ug/L	99
12) 1,1-Dichloroethene	2.15	96	20744	1.04	ug/L	90
13) Acetone	2.23	43	30453	12.25	ug/L	98
14) Carbon disulfide	2.32	76	58727	1.03	ug/L	99
15) Methyl Acetate	2.48	43	8884	1.21	ug/L	99
16) Methylene chloride	2.54	84	24522	1.06	ug/L	98
17) Methyl tert-butyl Ether	2.82	73	49456	1.03	ug/L	98
18) trans-1,2-Dichloroethene	2.80	96	22612	1.04	ug/L	96
19) 1,1-Dichloroethane	3.23	63	39559	1.03	ug/L	99
21) 2-Butanone	4.07	43	47186	10.50	ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	24442	1.03	ug/L	96
23) Bromochloromethane	4.31	128	9731	1.01	ug/L	97
25) Chloroform	4.44	83	39376	1.02	ug/L	100
27) 1,2-Dichloroethane	5.19	62	22693	1.05	ug/L	97
29) 1,1,1-Trichloroethane	4.67	97	30419	0.96	ug/L	99
30) Cyclohexane	4.73	56	30590	0.95	ug/L	100
31) Carbon tetrachloride	4.88	117	24723	0.92	ug/L	98
33) Benzene	5.15	78	89946	1.03	ug/L	100
34) Trichloroethene	5.97	95	22548	0.92	ug/L	95
35) Methylcyclohexane	6.18	83	31816	0.87	ug/L	97
37) 1,2-Dichloropropane	6.23	63	22243	1.05	ug/L	100
38) Bromodichloromethane	6.57	83	23843	0.98	ug/L	95
39) cis-1,3-Dichloropropene	7.08	75	26683	0.91	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	108253	10.38	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	89739	0.98	ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	20429	0.89	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	15147	1.03	ug/L	98
47) Tetrachloroethene	8.03	164	17830	0.95	ug/L	95
48) 2-Hexanone	8.20	43	77419	10.33	ug/L	99
49) Dibromochloromethane	8.30	129	14959	0.96	ug/L	100
50) 1,2-Dibromoethane	8.40	107	14083	1.07	ug/L	98
51) Chlorobenzene	8.93	112	58998	0.97	ug/L	98
52) Ethylbenzene	9.06	91	89708	0.90	ug/L	98
53) m,p-xylene	9.19	106	34008	0.89	ug/L	97
54) o-xylene	9.59	106	33573	0.89	ug/L	95
55) Styrene	9.61	104	55593	0.90	ug/L	99
56) Isopropylbenzene	9.98	105	84553	0.87	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	18236	1.26	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	12926	1.10	ug/L	94
61) Bromoform	9.78	173	7429	0.98	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	41731	0.95	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	42917	0.97	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	41191	0.99	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	2281	1.24	ug/L	83
67) 1,3,5-Trichlorobenzene	12.70	180	31905	0.95	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	24627	0.99	ug/L	99
69) Naphthalene	13.56	128	40479	1.08	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	23512	1.01	ug/L	99

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

