

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100518\
 Data File : VV008090.D
 Acq On : 05 Oct 2018 11:21
 Operator : SY/MD
 Sample : VSTD00170
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00170

Quant Time: Oct 06 00:12:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 06 00:00:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	80939	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	78225	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	37592	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	5313	1.20	ug/L	0.00
7) Chloroethane-d5	1.59	69	4576	1.19	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	10117	1.03	ug/L	0.00
20) 2-Butanone-d5	3.97	46	11302	8.69	ug/L	0.00
24) Chloroform-d	4.41	84	10209	1.02	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	5205	0.96	ug/L	0.00
32) Benzene-d6	5.10	84	19086	1.01	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	6441	1.08	ug/L	0.00
41) Toluene-d8	7.36	98	17897	0.93	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	2000	0.87	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	6996	7.04	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	4359	0.95	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	7283	1.00	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	5616	0.854 ug/L	97
3) Chloromethane	1.25	50	4731	0.823 ug/L	98
5) Vinyl chloride	1.32	62	5346	0.861 ug/L	96
6) Bromomethane	1.54	94	2440	0.666 ug/L	98
8) Chloroethane	1.60	64	3998	1.054 ug/L	100
9) Trichlorofluoromethane	1.77	101	9311	0.913 ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	5642	0.966 ug/L	97
12) 1,1-Dichloroethene	2.14	96	4541	0.877 ug/L	86
13) Acetone	2.21	43	8945	9.679 ug/L	97
14) Carbon disulfide	2.32	76	11230	0.806 ug/L #	93
15) Methyl Acetate	2.47	43	2038	0.851 ug/L	97
16) Methylene chloride	2.54	84	5959	1.026 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	11283	0.875 ug/L #	94
18) trans-1,2-Dichloroethene	2.79	96	4797	0.840 ug/L	98
19) 1,1-Dichloroethane	3.23	63	9290	0.943 ug/L	95
21) 2-Butanone	4.06	43	13151	8.853 ug/L	94
22) cis-1,2-Dichloroethene	3.97	96	5260	0.896 ug/L	83
23) Bromochloromethane	4.30	128	2439	0.941 ug/L	83
25) Chloroform	4.43	83	9890	0.923 ug/L	93
27) 1,2-Dichloroethane	5.19	62	6006	0.887 ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	8672	0.934 ug/L	97
30) Cyclohexane	4.73	56	7072	0.829 ug/L	95
31) Carbon tetrachloride	4.88	117	7729	0.943 ug/L	100
33) Benzene	5.15	78	19401	0.882 ug/L	100
34) Trichloroethene	5.96	95	5733	0.913 ug/L	93
35) Methylcyclohexane	6.18	83	7751	0.834 ug/L	94
37) 1,2-Dichloropropane	6.23	63	5159	0.909 ug/L	98
38) Bromodichloromethane	6.56	83	6062	0.893 ug/L #	95
39) cis-1,3-Dichloropropene	7.07	75	6299	0.834 ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	28313	8.032 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	19541	0.816	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	5012	0.802	ug/L	95
45) 1,1,2-Trichloroethane	7.89	97	3597	0.874	ug/L	91
47) Tetrachloroethene	8.02	164	5120	0.882	ug/L	94
48) 2-Hexanone	8.19	43	18056	7.367	ug/L	98
49) Dibromochloromethane	8.29	129	4549	0.963	ug/L	90
50) 1,2-Dibromoethane	8.40	107	3098	0.832	ug/L #	98
51) Chlorobenzene	8.93	112	14362	0.867	ug/L	98
52) Ethylbenzene	9.06	91	20704	0.780	ug/L	99
53) m,p-xylene	9.19	106	7583	0.747	ug/L	100
54) o-xylene	9.59	106	7260	0.744	ug/L	98
55) Styrene	9.61	104	11644	0.697	ug/L	99
56) Isopropylbenzene	9.98	105	19513	0.738	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	4164	0.868	ug/L #	97
59) 1,2,3-Trichloropropane	10.32	75	3038	0.866	ug/L	99
61) Bromoform	9.78	173	2241	0.969	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	11169	0.912	ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	11471	0.899	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	10776	0.929	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	566	0.949	ug/L	91
67) 1,3,5-Trichlorobenzene	12.70	180	9558	0.910	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	6534	0.744	ug/L	96
69) Naphthalene	13.56	128	6757	0.563	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	6068	0.762	ug/L	98

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

