

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007891.D
 Acq On : 26 Sep 2018 19:01
 Operator : SY/MD
 Sample : VSTD00169
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00169

Quant Time: Sep 27 06:43:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 27 06:42:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	97304	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	91013	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46915	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	4717	1.11	ug/L	0.00
7) Chloroethane-d5	1.59	69	4160	1.08	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	11119	1.04	ug/L	0.00
20) 2-Butanone-d5	3.98	46	12916	11.72	ug/L	0.00
24) Chloroform-d	4.41	84	10868	1.10	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	5810	1.16	ug/L	0.00
32) Benzene-d6	5.10	84	19682	1.06	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	6522	1.17	ug/L	0.00
41) Toluene-d8	7.36	98	19522	1.02	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	2199	1.00	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	9109	10.34	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	4636	1.02	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	8750	1.11	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	8350	1.062	ug/L 98
3) Chloromethane	1.25	50	7331	1.155	ug/L 99
5) Vinyl chloride	1.32	62	8089	1.122	ug/L 92
6) Bromomethane	1.54	94	4880	1.030	ug/L 97
8) Chloroethane	1.60	64	5023	1.078	ug/L 96
9) Trichlorofluoromethane	1.77	101	13057	0.909	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	7261	0.924	ug/L 99
12) 1,1-Dichloroethene	2.15	96	6674	0.961	ug/L 88
13) Acetone	2.23	43	11962	11.814	ug/L 98
14) Carbon disulfide	2.32	76	17090	0.929	ug/L 96
15) Methyl Acetate	2.48	43	3067	1.255	ug/L 93
16) Methylene chloride	2.54	84	7339	1.027	ug/L 98
17) Methyl tert-butyl Ether	2.82	73	16083	0.983	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	7543	0.992	ug/L 96
19) 1,1-Dichloroethane	3.23	63	12422	1.149	ug/L 97
21) 2-Butanone	4.07	43	17705	13.188	ug/L 97
22) cis-1,2-Dichloroethene	3.97	96	7142	1.026	ug/L 99
23) Bromochloromethane	4.30	128	3085	0.984	ug/L 92
25) Chloroform	4.43	83	13193	1.136	ug/L 99
27) 1,2-Dichloroethane	5.19	62	8439	1.184	ug/L 98
29) 1,1,1-Trichloroethane	4.66	97	11222	1.040	ug/L 98
30) Cyclohexane	4.72	56	10584	1.126	ug/L 96
31) Carbon tetrachloride	4.88	117	9488	0.969	ug/L 98
33) Benzene	5.15	78	26598	1.083	ug/L 100
34) Trichloroethene	5.96	95	7818	1.093	ug/L 95
35) Methylcyclohexane	6.18	83	11223	1.022	ug/L 99
37) 1,2-Dichloropropane	6.23	63	6942	1.161	ug/L 98
38) Bromodichloromethane	6.56	83	8109	1.048	ug/L 99
39) cis-1,3-Dichloropropene	7.08	75	8122	0.959	ug/L 98
40) 4-Methyl-2-pentanone	7.29	43	40208	12.079	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	28003	1.014	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	6652	0.961	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	4778	1.056	ug/L	98
47) Tetrachloroethene	8.02	164	6977	1.003	ug/L	95
48) 2-Hexanone	8.20	43	26846	11.361	ug/L	99
49) Dibromochloromethane	8.30	129	5062	0.914	ug/L	96
50) 1,2-Dibromoethane	8.40	107	4058	0.950	ug/L	95
51) Chlorobenzene	8.93	112	19544	1.023	ug/L	98
52) Ethylbenzene	9.06	91	31284	1.001	ug/L	100
53) m,p-xylene	9.18	106	11492	0.944	ug/L	98
54) o-xylene	9.59	106	11159	0.934	ug/L	94
55) Styrene	9.61	104	18290	0.927	ug/L	99
56) Isopropylbenzene	9.98	105	29854	0.914	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	5484	1.053	ug/L #	96
59) 1,2,3-Trichloropropane	10.32	75	4189	1.142	ug/L	98
61) Bromoform	9.78	173	2698	0.916	ug/L #	91
62) 1,3-Dichlorobenzene	11.23	146	16374	1.054	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	17243	1.099	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	15030	1.029	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	711	1.053	ug/L #	86
67) 1,3,5-Trichlorobenzene	12.70	180	13666	1.020	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	11605	1.060	ug/L	98
69) Naphthalene	13.56	128	14441	0.891	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	10425	1.028	ug/L	100

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

