

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
 Data File : VV007514.D
 Acq On : 13 Sep 2018 17:29
 Operator : SY/MD
 Sample : VSTD00166
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00166

Quant Time: Sep 14 04:10:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 14 04:09:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	125591	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	116477	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61841	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	6927	1.05	ug/L	0.00
7) Chloroethane-d5	1.59	69	5493	0.98	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	13661	1.01	ug/L	0.00
20) 2-Butanone-d5	3.97	46	8369	6.19	ug/L	0.00
24) Chloroform-d	4.41	84	13708	1.03	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	6655	0.97	ug/L	0.00
32) Benzene-d6	5.10	84	26599	1.01	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.13	67	8025	1.02	ug/L	0.00
41) Toluene-d8	7.36	98	27458	1.02	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	3774	0.97	ug/L	0.00
46) 2-Hexanone-d5	8.15	63	4071	4.66	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	5164	0.86	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	11283	1.06	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	6277	0.886 ug/L	99
3) Chloromethane	1.25	50	5620	0.887 ug/L	95
5) Vinyl chloride	1.33	62	6127	0.846 ug/L	94
6) Bromomethane	1.54	94	4261	0.873 ug/L	92
8) Chloroethane	1.60	64	3724	0.861 ug/L	93
9) Trichlorofluoromethane	1.78	101	11818	0.914 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	6517	0.884 ug/L	96
12) 1,1-Dichloroethene	2.14	96	6414	0.988 ug/L	84
13) Acetone	2.21	43	4877	6.161 ug/L	72
14) Carbon disulfide	2.33	76	17033	0.865 ug/L #	95
15) Methyl Acetate	2.47	43	1261	0.573 ug/L #	72
16) Methylene chloride	2.54	84	7264	1.052 ug/L	94
17) Methyl tert-butyl Ether	2.82	73	13907	0.856 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	6551	0.936 ug/L	94
19) 1,1-Dichloroethane	3.23	63	9593	0.860 ug/L	98
21) 2-Butanone	4.05	43	8114	6.265 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	6500	0.960 ug/L	90
23) Bromochloromethane	4.31	128	2828	0.875 ug/L	90
25) Chloroform	4.43	83	10906	0.941 ug/L	97
27) 1,2-Dichloroethane	5.19	62	5943	0.827 ug/L #	88
29) 1,1,1-Trichloroethane	4.66	97	10049	0.849 ug/L	97
30) Cyclohexane	4.73	56	9004	0.861 ug/L	98
31) Carbon tetrachloride	4.88	117	9680	0.888 ug/L	98
33) Benzene	5.15	78	21345	0.851 ug/L	100
34) Trichloroethene	5.96	95	7000	0.919 ug/L	96
35) Methylcyclohexane	6.18	83	10132	0.861 ug/L	93
37) 1,2-Dichloropropane	6.23	63	5487	0.876 ug/L #	88
38) Bromodichloromethane	6.56	83	7591	0.846 ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	8447	0.832 ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	29756	8.275 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.44	91	24979	0.893	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	6858	0.807	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	3797	0.786	ug/L	96
47) Tetrachloroethene	8.02	164	5695	0.868	ug/L	97
48) 2-Hexanone	8.20	43	23732	9.090	ug/L #	90
49) Dibromochloromethane	8.30	129	5618	0.844	ug/L	93
50) 1,2-Dibromoethane	8.40	107	3689	0.785	ug/L #	83
51) Chlorobenzene	8.93	112	16454	0.861	ug/L	96
52) Ethylbenzene	9.06	91	27291	0.853	ug/L	99
53) m,p-xylene	9.19	106	10327	0.826	ug/L	98
54) o-xylene	9.59	106	10171	0.837	ug/L	92
55) Styrene	9.61	104	16056	0.805	ug/L	96
56) Isopropylbenzene	9.98	105	28355	0.866	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.30	83	3716	0.723	ug/L	92
59) 1,2,3-Trichloropropane	10.33	75	3208	0.789	ug/L	90
61) Bromoform	9.78	173	3209	0.767	ug/L #	94
62) 1,3-Dichlorobenzene	11.23	146	13752	0.875	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	14001	0.895	ug/L	97
65) 1,2-Dichlorobenzene	11.70	146	12924	0.876	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.49	75	652	0.623	ug/L	82
67) 1,3,5-Trichlorobenzene	12.70	180	10472	0.866	ug/L	97
68) 1,2,4-trichlorobenzene	13.32	180	6364	0.697	ug/L	94
69) Naphthalene	13.57	128	5772	0.422	ug/L	97
70) 1,2,3-Trichlorobenzene	13.80	180	5620	0.659	ug/L	97

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

