

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091918\
 Data File : VV007638.D
 Acq On : 19 Sep 2018 21:01
 Operator : SY/MD
 Sample : VSTD00168
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00168

Quant Time: Sep 20 05:19:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 20 05:17:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	107685	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	98080	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52517	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	4149	0.83	ug/L	0.00
7) Chloroethane-d5	1.58	69	3847	0.85	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	10859	0.88	ug/L	0.00
20) 2-Butanone-d5	3.98	46	10115	12.85	ug/L	0.00
24) Chloroform-d	4.41	84	9663	0.89	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	4624	0.87	ug/L	0.00
32) Benzene-d6	5.10	84	17875	0.88	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.13	67	5387	0.91	ug/L	0.00
41) Toluene-d8	7.36	98	18162	0.85	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	1861	0.72	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	7866	14.02	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	4500	1.06	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	7850	0.86	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	8444	0.948	ug/L	98
3) Chloromethane	1.25	50	6830	1.043	ug/L	97
5) Vinyl chloride	1.32	62	7698	1.023	ug/L	96
6) Bromomethane	1.54	94	4871	0.884	ug/L	97
8) Chloroethane	1.60	64	5005	1.087	ug/L	99
9) Trichlorofluoromethane	1.77	101	15539	1.020	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	8823	1.050	ug/L	98
12) 1,1-Dichloroethene	2.15	96	7738	1.014	ug/L	93
13) Acetone	2.22	43	11739	17.040	ug/L	96
14) Carbon disulfide	2.32	76	19843	0.905	ug/L	98
15) Methyl Acetate	2.47	43	2837	1.487	ug/L	96
16) Methylene chloride	2.54	84	8281	1.030	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	18524	1.098	ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	8457	1.026	ug/L	97
19) 1,1-Dichloroethane	3.23	63	10827	0.999	ug/L	97
21) 2-Butanone	4.06	43	13860	13.728	ug/L	94
22) cis-1,2-Dichloroethene	3.97	96	7768	1.053	ug/L	90
23) Bromochloromethane	4.30	128	3323	0.991	ug/L	94
25) Chloroform	4.43	83	11975	0.957	ug/L	99
27) 1,2-Dichloroethane	5.19	62	7313	1.011	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	11556	1.006	ug/L	97
30) Cyclohexane	4.72	56	10097	1.014	ug/L	98
31) Carbon tetrachloride	4.88	117	10316	0.964	ug/L	97
33) Benzene	5.15	78	25856	1.025	ug/L	100
34) Trichloroethene	5.96	95	7705	0.932	ug/L	95
35) Methylcyclohexane	6.18	83	11356	0.943	ug/L	97
37) 1,2-Dichloropropane	6.23	63	6535	1.126	ug/L	# 96
38) Bromodichloromethane	6.56	83	8056	0.975	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	8437	0.898	ug/L	96
40) 4-Methyl-2-pentanone	7.29	43	33842	10.027	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	29261	0.998	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	6866	0.911	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	5125	1.091	ug/L	94
47) Tetrachloroethene	8.02	164	7572	1.001	ug/L	95
48) 2-Hexanone	8.20	43	24264	9.479	ug/L	92
49) Dibromochloromethane	8.30	129	5487	0.893	ug/L	97
50) 1,2-Dibromoethane	8.40	107	4299	0.925	ug/L #	89
51) Chlorobenzene	8.93	112	19919	0.979	ug/L	95
52) Ethylbenzene	9.06	91	33426	1.005	ug/L	96
53) m,p-xylene	9.19	106	12695	0.947	ug/L	97
54) o-xylene	9.59	106	12272	0.971	ug/L	95
55) Styrene	9.61	104	19469	0.927	ug/L	98
56) Isopropylbenzene	9.98	105	33486	0.961	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	5355	1.202	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	3847	1.004	ug/L	96
61) Bromoform	9.78	173	3128	0.897	ug/L #	99
62) 1,3-Dichlorobenzene	11.23	146	17801	1.018	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	17485	1.010	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	16639	1.032	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.48	75	690	0.995	ug/L	93
67) 1,3,5-Trichlorobenzene	12.70	180	14673	1.048	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	11765	1.166	ug/L	99
69) Naphthalene	13.56	128	17472	1.390	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	11084	1.200	ug/L	95

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

