

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091918\
 Data File : VV007637.D
 Acq On : 19 Sep 2018 20:35
 Operator : SY/MD
 Sample : VSTD0.567
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.567

Quant Time: Sep 20 05:19:07 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	105380	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	95561	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	50385	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	2076	0.43	ug/L	0.00
7) Chloroethane-d5	1.58	69	1870	0.42	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	5620	0.47	ug/L	0.00
20) 2-Butanone-d5	3.98	46	4774	6.20	ug/L	0.00
24) Chloroform-d	4.41	84	4606	0.43	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	2358	0.45	ug/L	0.00
32) Benzene-d6	5.10	84	8763	0.44	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.13	67	2572	0.45	ug/L	0.00
41) Toluene-d8	7.36	98	8934	0.43	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	976	0.39	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	3766	6.89	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	1980	0.48	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	4014	0.46	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	4444	0.510 ug/L	97
3) Chloromethane	1.25	50	3593	0.561 ug/L	95
5) Vinyl chloride	1.32	62	4158	0.565 ug/L	96
6) Bromomethane	1.53	94	2554	0.474 ug/L	99
8) Chloroethane	1.60	64	2978	0.661 ug/L	100
9) Trichlorofluoromethane	1.77	101	8253	0.554 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	4632	0.563 ug/L	97
12) 1,1-Dichloroethene	2.14	96	4118	0.552 ug/L	98
13) Acetone	2.24	43	6580	9.760 ug/L	80
14) Carbon disulfide	2.32	76	10567	0.492 ug/L #	92
15) Methyl Acetate	2.48	43	1467	0.786 ug/L	99
16) Methylene chloride	2.54	84	4412	0.561 ug/L	93
17) Methyl tert-butyl Ether	2.82	73	9415	0.570 ug/L	95
18) trans-1,2-Dichloroethene	2.79	96	4600	0.570 ug/L	95
19) 1,1-Dichloroethane	3.23	63	6863	0.647 ug/L #	86
21) 2-Butanone	4.07	43	7364	7.453 ug/L	91
22) cis-1,2-Dichloroethene	3.97	96	3866	0.536 ug/L	98
23) Bromochloromethane	4.30	128	1817	0.554 ug/L	98
25) Chloroform	4.44	83	6377	0.521 ug/L	98
27) 1,2-Dichloroethane	5.19	62	3853	0.545 ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	5693	0.509 ug/L	98
30) Cyclohexane	4.72	56	5093	0.525 ug/L	99
31) Carbon tetrachloride	4.87	117	5100	0.489 ug/L	95
33) Benzene	5.15	78	13672	0.556 ug/L	100
34) Trichloroethene	5.96	95	3972	0.493 ug/L	96
35) Methylcyclohexane	6.18	83	6201	0.529 ug/L	98
37) 1,2-Dichloropropane	6.23	63	3224	0.570 ug/L #	87
38) Bromodichloromethane	6.56	83	4006	0.497 ug/L #	99
39) cis-1,3-Dichloropropene	7.08	75	4252	0.464 ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	17374	5.283 ug/L	99

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

42) Toluene	7.44	91	14689	0.514	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	3335	0.454	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	2400	0.525	ug/L	96
47) Tetrachloroethene	8.02	164	3857	0.523	ug/L	90
48) 2-Hexanone	8.20	43	11551	4.632	ug/L	99
49) Dibromochloromethane	8.30	129	2672	0.446	ug/L	96
50) 1,2-Dibromoethane	8.40	107	2231	0.493	ug/L #	96
51) Chlorobenzene	8.93	112	10474	0.528	ug/L	96
52) Ethylbenzene	9.06	91	16331	0.504	ug/L	100
53) m,p-xylene	9.19	106	6442	0.493	ug/L	86
54) o-xylene	9.59	106	6486	0.527	ug/L	99
55) Styrene	9.61	104	10101	0.494	ug/L	98
56) Isopropylbenzene	9.98	105	17642	0.519	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	2802	0.645	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	1869	0.501	ug/L	99
61) Bromoform	9.78	173	1556	0.465	ug/L #	96
62) 1,3-Dichlorobenzene	11.23	146	8707	0.519	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	9032	0.544	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	8339	0.539	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.48	75	315	0.473	ug/L	86
67) 1,3,5-Trichlorobenzene	12.70	180	7860	0.585	ug/L	96
68) 1,2,4-trichlorobenzene	13.32	180	6145	0.635	ug/L	98
69) Naphthalene	13.56	128	9190	0.762	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	5800	0.654	ug/L	95

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

