

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091218\
 Data File : VV007472.D
 Acq On : 12 Sep 2018 12:14
 Operator : SY/MD
 Sample : VSTD00165
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00165

Quant Time: Sep 13 01:54:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 13 01:53:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	123881	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	109428	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56213	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	6570	0.99	ug/L	0.00
7) Chloroethane-d5	1.58	69	5033	0.91	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	12769	0.96	ug/L	0.00
20) 2-Butanone-d5	3.98	46	14309	10.02	ug/L	0.01
24) Chloroform-d	4.41	84	12267	0.94	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	6727	0.98	ug/L	0.00
32) Benzene-d6	5.10	84	25177	1.01	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.13	67	7450	1.00	ug/L	0.00
41) Toluene-d8	7.36	98	23853	0.95	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	3350	0.91	ug/L	0.00
46) 2-Hexanone-d5	8.15	63	7469	8.54	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	5745	1.01	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	9717	1.01	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	6606	0.91	ug/L	# 88
3) Chloromethane	1.25	50	6058	0.96	ug/L	87
5) Vinyl chloride	1.32	62	7725	1.06	ug/L	98
6) Bromomethane	1.54	94	4441	0.92	ug/L	87
8) Chloroethane	1.60	64	4244	0.98	ug/L	97
9) Trichlorofluoromethane	1.77	101	12504	0.99	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	7116	0.98	ug/L	97
12) 1,1-Dichloroethene	2.14	96	6184	0.97	ug/L	94
13) Acetone	2.21	43	7348	8.82	ug/L	86
14) Carbon disulfide	2.32	76	19362	0.99	ug/L	95
15) Methyl Acetate	2.47	43	2842	1.23	ug/L	99
16) Methylene chloride	2.54	84	6843	1.00	ug/L	89
17) Methyl tert-butyl Ether	2.82	73	15682	0.97	ug/L	95
18) trans-1,2-Dichloroethene	2.79	96	6619	0.97	ug/L	93
19) 1,1-Dichloroethane	3.23	63	10516	0.94	ug/L	# 86
21) 2-Butanone	4.06	43	13121	9.69	ug/L	93
22) cis-1,2-Dichloroethene	3.97	96	6549	0.98	ug/L	# 97
23) Bromochloromethane	4.30	128	3252	1.01	ug/L	# 92
25) Chloroform	4.43	83	11494	1.00	ug/L	98
27) 1,2-Dichloroethane	5.19	62	7362	1.02	ug/L	# 74
29) 1,1,1-Trichloroethane	4.66	97	11746	1.04	ug/L	96
30) Cyclohexane	4.72	56	10697	1.07	ug/L	96
31) Carbon tetrachloride	4.87	117	10095	0.97	ug/L	94
33) Benzene	5.15	78	23823	1.00	ug/L	100
34) Trichloroethene	5.96	95	7527	1.05	ug/L	94
35) Methylcyclohexane	6.18	83	10928	0.98	ug/L	95
37) 1,2-Dichloropropane	6.23	63	6439	1.07	ug/L	98
38) Bromodichloromethane	6.56	83	8115	0.95	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	9358	0.96	ug/L	95
40) 4-Methyl-2-pentanone	7.29	43	33284	9.67	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	25234	0.95	ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	8416	1.03	ug/L	88
45) 1,1,2-Trichloroethane	7.89	97	4599	1.00	ug/L	95
47) Tetrachloroethene	8.02	164	5999	0.97	ug/L	97
48) 2-Hexanone	8.20	43	24782	9.89	ug/L	98
49) Dibromochloromethane	8.30	129	5975	0.94	ug/L	99
50) 1,2-Dibromoethane	8.41	107	4368	0.98	ug/L #	94
51) Chlorobenzene	8.93	112	18367	1.02	ug/L	98
52) Ethylbenzene	9.06	91	28841	0.96	ug/L	97
53) m,p-xylene	9.19	106	11474	0.98	ug/L	95
54) o-xylene	9.59	106	11180	0.98	ug/L	94
55) Styrene	9.61	104	17679	0.94	ug/L	98
56) Isopropylbenzene	9.98	105	30066	0.98	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.30	83	4530	0.90	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	3989	1.04	ug/L	96
61) Bromoform	9.78	173	3867	0.99	ug/L	95
62) 1,3-Dichlorobenzene	11.23	146	14105	0.98	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	14312	1.00	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	13482	1.00	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	1055	1.05	ug/L #	86
67) 1,3,5-Trichlorobenzene	12.70	180	10404	0.95	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	7122	0.85	ug/L	96
69) Naphthalene	13.56	128	10449	0.81	ug/L #	94
70) 1,2,3-Trichlorobenzene	13.80	180	6937	0.89	ug/L	97

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

