

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071918\
 Data File : VV006638.D
 Acq On : 19 Jul 2018 12:36
 Operator : SY/MD
 Sample : VSTD0.564
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.564

Quant Time: Jul 20 04:43:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 20 04:43:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	260479	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	235384	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	103392	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	8483	0.46	ug/L	0.00
7) Chloroethane-d5	1.58	69	6916	0.56	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	16765	0.48	ug/L	0.00
20) 2-Butanone-d5	3.95	46	17419	4.39	ug/L	0.00
24) Chloroform-d	4.41	84	14570	0.47	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	6735	0.46	ug/L	0.00
32) Benzene-d6	5.10	84	29829	0.47	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	9424	0.48	ug/L	0.00
41) Toluene-d8	7.36	98	26467	0.45	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	2660	0.40	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	12921	3.85	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	6685	0.46	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	8897	0.48	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	10605	0.51	ug/L	# 83
3) Chloromethane	1.26	50	8981	0.43	ug/L	97
5) Vinyl chloride	1.32	62	12122	0.45	ug/L	# 58
6) Bromomethane	1.54	94	5204	0.68	ug/L	100
8) Chloroethane	1.60	64	8080	0.52	ug/L	# 79
9) Trichlorofluoromethane	1.77	101	14235	0.44	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	9072	0.45	ug/L	97
12) 1,1-Dichloroethene	2.15	96	8975	0.47	ug/L	97
13) Acetone	2.20	43	14297	4.70	ug/L	97
14) Carbon disulfide	2.32	76	29360	0.47	ug/L	98
15) Methyl Acetate	2.46	43	3892	0.44	ug/L	99
16) Methylene chloride	2.54	84	16113	0.66	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	20484	0.43	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	9900	0.47	ug/L	97
19) 1,1-Dichloroethane	3.23	63	16992	0.45	ug/L	100
21) 2-Butanone	4.04	43	22321	4.38	ug/L	97
22) cis-1,2-Dichloroethene	3.97	96	9574	0.43	ug/L	97
23) Bromochloromethane	4.30	128	3926	0.43	ug/L	96
25) Chloroform	4.43	83	15953	0.44	ug/L	99
27) 1,2-Dichloroethane	5.19	62	9092	0.43	ug/L	99
29) 1,1,1-Trichloroethane	4.67	97	12616	0.43	ug/L	98
30) Cyclohexane	4.73	56	13517	0.41	ug/L	97
31) Carbon tetrachloride	4.88	117	10688	0.42	ug/L	98
33) Benzene	5.15	78	35933	0.43	ug/L	100
34) Trichloroethene	5.96	95	9464	0.45	ug/L	99
35) Methylcyclohexane	6.18	83	13718	0.39	ug/L	97
37) 1,2-Dichloropropane	6.22	63	9361	0.44	ug/L	# 94
38) Bromodichloromethane	6.56	83	10012	0.43	ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	10673	0.38	ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	45481	3.98	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	35897	0.42	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	8016	0.37	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	6353	0.45	ug/L	90
47) Tetrachloroethene	8.02	164	7302	0.43	ug/L	97
48) 2-Hexanone	8.19	43	29791	3.73	ug/L	97
49) Dibromochloromethane	8.30	129	6163	0.41	ug/L	96
50) 1,2-Dibromoethane	8.40	107	5457	0.43	ug/L	93
51) Chlorobenzene	8.93	112	24233	0.44	ug/L	97
52) Ethylbenzene	9.06	91	36701	0.40	ug/L	100
53) m,p-xylene	9.19	106	13279	0.38	ug/L	98
54) o-xylene	9.59	106	13173	0.39	ug/L	99
55) Styrene	9.61	104	20669	0.36	ug/L	99
56) Isopropylbenzene	9.98	105	33774	0.38	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	7151	0.42	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	5519	0.44	ug/L	97
61) Bromoform	9.78	173	3103	0.43	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	17333	0.46	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	17411	0.46	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	16245	0.45	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	969	0.45	ug/L	91
67) 1,3,5-Trichlorobenzene	12.70	180	12659	0.43	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	9760	0.42	ug/L	99
69) Naphthalene	13.56	128	15199	0.38	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	9492	0.44	ug/L	97

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

