

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082118\
 Data File : VV007100.D
 Acq On : 21 Aug 2018 14:48
 Operator : SY/MD
 Sample : VSTD0.569
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.569

Quant Time: Aug 22 02:23:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 22 02:22:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	319262	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	304430	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	123986	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	11166	0.53	ug/L	0.00
7) Chloroethane-d5	1.58	69	9068	0.51	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	20957	0.53	ug/L	0.00
20) 2-Butanone-d5	3.98	46	24532	4.18	ug/L	0.00
24) Chloroform-d	4.40	84	21989	0.51	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	10505	0.49	ug/L	0.00
32) Benzene-d6	5.10	84	39208	0.48	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	13846	0.51	ug/L	0.00
41) Toluene-d8	7.36	98	32416	0.47	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	4379	0.46	ug/L	0.00
46) 2-Hexanone-d5	8.15	63	8576	2.33	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	9707	0.46	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	12449	0.56	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	16124	0.53	ug/L	94
3) Chloromethane	1.25	50	18571	0.62	ug/L	99
5) Vinyl chloride	1.32	62	16221	0.53	ug/L	97
6) Bromomethane	1.54	94	5648	0.78	ug/L	94
8) Chloroethane	1.60	64	10459	0.57	ug/L	99
9) Trichlorofluoromethane	1.77	101	21663	0.56	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	13753	0.58	ug/L	98
12) 1,1-Dichloroethene	2.14	96	13305	0.59	ug/L	88
13) Acetone	2.22	43	20692	6.81	ug/L	98
14) Carbon disulfide	2.32	76	37386	0.51	ug/L	97
15) Methyl Acetate	2.47	43	4432	0.52	ug/L	89
16) Methylene chloride	2.54	84	18531	0.68	ug/L	97
17) Methyl tert-butyl Ether	2.81	73	30625	0.56	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	14274	0.59	ug/L	92
19) 1,1-Dichloroethane	3.23	63	24439	0.54	ug/L	97
21) 2-Butanone	4.06	43	36020	5.35	ug/L	81
22) cis-1,2-Dichloroethene	3.96	96	15094	0.54	ug/L	89
23) Bromochloromethane	4.31	128	6948	0.61	ug/L	79
25) Chloroform	4.43	83	27869	0.57	ug/L	98
27) 1,2-Dichloroethane	5.19	62	15419	0.51	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	22997	0.57	ug/L	98
30) Cyclohexane	4.72	56	18321	0.45	ug/L	98
31) Carbon tetrachloride	4.88	117	18360	0.54	ug/L	97
33) Benzene	5.15	78	55099	0.53	ug/L	100
34) Trichloroethene	5.96	95	13459	0.54	ug/L	94
35) Methylcyclohexane	6.18	83	18434	0.46	ug/L	97
37) 1,2-Dichloropropane	6.22	63	15033	0.52	ug/L	98
38) Bromodichloromethane	6.56	83	18108	0.55	ug/L	92
39) cis-1,3-Dichloropropene	7.08	75	15933	0.46	ug/L	97
40) 4-Methyl-2-pentanone	7.29	43	64932	4.26	ug/L	97

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42) Toluene	7.44	91	46816	0.47	ug/L	93
44) trans-1,3-Dichloropropene	7.70	75	13737	0.48	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	9850	0.52	ug/L	95
47) Tetrachloroethene	8.02	164	11246	0.55	ug/L	95
48) 2-Hexanone	8.20	43	47651	4.37	ug/L	91
49) Dibromochloromethane	8.29	129	10841	0.55	ug/L	91
50) 1,2-Dibromoethane	8.40	107	8111	0.51	ug/L #	92
51) Chlorobenzene	8.93	112	34724	0.54	ug/L	100
52) Ethylbenzene	9.06	91	45359	0.45	ug/L	99
53) m,p-xylene	9.19	106	16606	0.44	ug/L	97
54) o-xylene	9.59	106	16147	0.45	ug/L	98
55) Styrene	9.61	104	25247	0.42	ug/L	97
56) Isopropylbenzene	9.98	105	42313	0.45	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	11984	0.53	ug/L #	98
59) 1,2,3-Trichloropropane	10.32	75	8814	0.55	ug/L	94
61) Bromoform	9.78	173	5883	0.62	ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	22663	0.56	ug/L	94
63) 1,4-Dichlorobenzene	11.32	146	25098	0.61	ug/L	96
65) 1,2-Dichlorobenzene	11.70	146	22935	0.58	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	1214	0.44	ug/L	92
67) 1,3,5-Trichlorobenzene	12.70	180	16267	0.54	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	9695	0.44	ug/L	97
69) Naphthalene	13.56	128	13356	0.43	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	9433	0.44	ug/L	97

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

