

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082818\
 Data File : VV007228.D
 Acq On : 28 Aug 2018 15:18
 Operator : SY/MD
 Sample : VSTD0.561
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.561

Quant Time: Aug 29 00:42:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 29 00:40:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	285478	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	275893	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	118189	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	11352	0.57	ug/L	0.00
7) Chloroethane-d5	1.58	69	8784	0.55	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	19084	0.53	ug/L	0.00
20) 2-Butanone-d5	3.98	46	25060	5.37	ug/L	0.00
24) Chloroform-d	4.40	84	22229	0.56	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	11392	0.59	ug/L	0.00
32) Benzene-d6	5.10	84	41097	0.53	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	14493	0.58	ug/L	0.00
41) Toluene-d8	7.36	98	32364	0.48	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	4926	0.56	ug/L	0.00
46) 2-Hexanone-d5	8.15	63	7447	2.92	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	10435	0.56	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	12264	0.55	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	9940	0.41	ug/L	98
3) Chloromethane	1.25	50	11324	0.43	ug/L	99
5) Vinyl chloride	1.32	62	10557	0.43	ug/L	100
6) Bromomethane	1.53	94	3896	0.47	ug/L	86
8) Chloroethane	1.60	64	6589	0.43	ug/L	98
9) Trichlorofluoromethane	1.77	101	15460	0.46	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	9891	0.47	ug/L	97
12) 1,1-Dichloroethene	2.14	96	8295	0.43	ug/L #	75
13) Acetone	2.21	43	13943	5.06	ug/L	95
14) Carbon disulfide	2.32	76	27120	0.48	ug/L	100
15) Methyl Acetate	2.47	43	3360	0.47	ug/L #	85
16) Methylene chloride	2.54	84	11989	0.52	ug/L	95
17) Methyl tert-butyl Ether	2.82	73	22089	0.47	ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	9512	0.45	ug/L	91
19) 1,1-Dichloroethane	3.23	63	18785	0.47	ug/L	99
21) 2-Butanone	4.06	43	23328	4.23	ug/L	92
22) cis-1,2-Dichloroethene	3.96	96	10703	0.46	ug/L	88
23) Bromochloromethane	4.30	128	4633	0.43	ug/L	89
25) Chloroform	4.43	83	18939	0.44	ug/L	97
27) 1,2-Dichloroethane	5.19	62	11025	0.45	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	15740	0.44	ug/L	99
30) Cyclohexane	4.72	56	12572	0.40	ug/L	97
31) Carbon tetrachloride	4.87	117	13014	0.44	ug/L	98
33) Benzene	5.15	78	36984	0.41	ug/L	100
34) Trichloroethene	5.96	95	10516	0.48	ug/L	96
35) Methylcyclohexane	6.18	83	12836	0.39	ug/L	97
37) 1,2-Dichloropropane	6.22	63	10381	0.43	ug/L	99
38) Bromodichloromethane	6.56	83	11958	0.42	ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	11595	0.40	ug/L	96
40) 4-Methyl-2-pentanone	7.29	43	42364	3.52	ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	33341	0.38	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	9230	0.38	ug/L	91
45) 1,1,2-Trichloroethane	7.89	97	7358	0.44	ug/L	90
47) Tetrachloroethene	8.02	164	8312	0.46	ug/L	97
48) 2-Hexanone	8.20	43	33724	3.74	ug/L	95
49) Dibromochloromethane	8.30	129	8143	0.45	ug/L	95
50) 1,2-Dibromoethane	8.40	107	6190	0.45	ug/L #	98
51) Chlorobenzene	8.93	112	25715	0.45	ug/L	98
52) Ethylbenzene	9.06	91	32673	0.38	ug/L	98
53) m,p-xylene	9.19	106	11942	0.37	ug/L	95
54) o-xylene	9.59	106	10644	0.35	ug/L	99
55) Styrene	9.61	104	16868	0.32	ug/L	98
56) Isopropylbenzene	9.98	105	27820	0.34	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	8282	0.43	ug/L	94
59) 1,2,3-Trichloropropane	10.32	75	5980	0.42	ug/L	93
61) Bromoform	9.78	173	4434	0.47	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	17299	0.46	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	18924	0.48	ug/L	95
65) 1,2-Dichlorobenzene	11.70	146	16902	0.45	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	1049	0.48	ug/L #	83
67) 1,3,5-Trichlorobenzene	12.70	180	11857	0.42	ug/L	96
68) 1,2,4-trichlorobenzene	13.32	180	6421	0.34	ug/L	92
69) Naphthalene	13.56	128	7983	0.32	ug/L #	96
70) 1,2,3-Trichlorobenzene	13.80	180	6801	0.37	ug/L	96

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

