

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082818\
 Data File : VV007223.D
 Acq On : 28 Aug 2018 12:20
 Operator : SY/MD
 Sample : VSTD00177
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00177

Quant Time: Aug 29 00:41:03 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	231879	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	229081	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	99205	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	16682	1.04	ug/L	0.00
7) Chloroethane-d5	1.58	69	13907	1.07	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	28326	0.97	ug/L	0.00
20) 2-Butanone-d5	3.97	46	33266	8.77	ug/L	0.00
24) Chloroform-d	4.41	84	33541	1.03	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	16899	1.08	ug/L	0.00
32) Benzene-d6	5.10	84	62427	0.98	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	20392	0.98	ug/L	0.00
41) Toluene-d8	7.37	98	50138	0.89	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	6777	0.94	ug/L	0.00
46) 2-Hexanone-d5	8.15	63	12743	6.02	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	16098	1.04	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	19210	1.02	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	16640	0.85	ug/L	98
3) Chloromethane	1.25	50	17743	0.83	ug/L	99
5) Vinyl chloride	1.32	62	17319	0.86	ug/L	99
6) Bromomethane	1.54	94	6423	0.96	ug/L	97
8) Chloroethane	1.60	64	11104	0.90	ug/L	97
9) Trichlorofluoromethane	1.77	101	24195	0.89	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	14853	0.87	ug/L	96
12) 1,1-Dichloroethene	2.14	96	13565	0.86	ug/L	96
13) Acetone	2.21	43	16917	7.55	ug/L	93
14) Carbon disulfide	2.32	76	40639	0.89	ug/L	96
15) Methyl Acetate	2.48	43	4576	0.80	ug/L	94
16) Methylene chloride	2.54	84	17846	0.96	ug/L	93
17) Methyl tert-butyl Ether	2.82	73	33779	0.88	ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	15335	0.89	ug/L	97
19) 1,1-Dichloroethane	3.23	63	31461	0.97	ug/L	97
21) 2-Butanone	4.06	43	34058	7.61	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	16846	0.88	ug/L	92
23) Bromochloromethane	4.31	128	8232	0.94	ug/L	94
25) Chloroform	4.43	83	30879	0.89	ug/L	92
27) 1,2-Dichloroethane	5.19	62	17533	0.89	ug/L	# 94
29) 1,1,1-Trichloroethane	4.66	97	25140	0.85	ug/L	99
30) Cyclohexane	4.73	56	19927	0.76	ug/L	98
31) Carbon tetrachloride	4.88	117	21037	0.85	ug/L	98
33) Benzene	5.15	78	60642	0.81	ug/L	100
34) Trichloroethene	5.96	95	15872	0.88	ug/L	96
35) Methylcyclohexane	6.18	83	20570	0.76	ug/L	99
37) 1,2-Dichloropropane	6.23	63	15579	0.77	ug/L	100
38) Bromodichloromethane	6.57	83	20692	0.88	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	18483	0.77	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	77535	7.75	ug/L	94

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42) Toluene	7.44	91	54866	0.76	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	16142	0.81	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	12489	0.91	ug/L	96
47) Tetrachloroethene	8.02	164	12986	0.86	ug/L	96
48) 2-Hexanone	8.20	43	52867	7.06	ug/L	99
49) Dibromochloromethane	8.30	129	13744	0.91	ug/L	98
50) 1,2-Dibromoethane	8.40	107	9891	0.86	ug/L #	90
51) Chlorobenzene	8.93	112	41117	0.86	ug/L	96
52) Ethylbenzene	9.06	91	54525	0.77	ug/L	97
53) m,p-xylene	9.19	106	20360	0.76	ug/L	93
54) o-xylene	9.59	106	18503	0.72	ug/L	96
55) Styrene	9.61	104	30037	0.68	ug/L	93
56) Isopropylbenzene	9.98	105	48111	0.72	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	13429	0.83	ug/L	88
59) 1,2,3-Trichloropropane	10.33	75	10016	0.86	ug/L	95
61) Bromoform	9.78	173	7257	0.92	ug/L	95
62) 1,3-Dichlorobenzene	11.23	146	28327	0.89	ug/L	99
63) 1,4-Dichlorobenzene	11.33	146	29100	0.87	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	27882	0.88	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.48	75	1700	0.94	ug/L #	79
67) 1,3,5-Trichlorobenzene	12.70	180	18719	0.79	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	10729	0.68	ug/L	97
69) Naphthalene	13.57	128	12119	0.59	ug/L	97
70) 1,2,3-Trichlorobenzene	13.80	180	10775	0.70	ug/L	99

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

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