

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080718\
 Data File : VV006901.D
 Acq On : 07 Aug 2018 16:48
 Operator : SY/MD
 Sample : VSTD00166
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00166

Quant Time: Aug 08 06:41:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 08 06:39:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	173263	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	159185	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65256	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	11357	0.98	ug/L	0.00
7) Chloroethane-d5	1.58	69	10018	0.97	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	23721	1.08	ug/L	0.00
20) 2-Butanone-d5	3.98	46	34777	11.58	ug/L	0.00
24) Chloroform-d	4.40	84	23237	1.11	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	12468	1.15	ug/L	0.00
32) Benzene-d6	5.11	84	39421	0.94	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	14688	1.04	ug/L	0.00
41) Toluene-d8	7.37	98	32204	0.86	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	4744	0.95	ug/L	0.00
46) 2-Hexanone-d5	8.15	63	16260	7.45	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	11446	1.08	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	11264	0.96	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	15246	1.09	ug/L	96
3) Chloromethane	1.25	50	20614	1.02	ug/L	99
5) Vinyl chloride	1.32	62	17290	1.09	ug/L	93
6) Bromomethane	1.54	94	4159	1.06	ug/L	90
8) Chloroethane	1.60	64	11682	1.12	ug/L	96
9) Trichlorofluoromethane	1.77	101	21815	1.13	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	13000	1.08	ug/L	98
12) 1,1-Dichloroethene	2.14	96	12538	1.12	ug/L	97
13) Acetone	2.21	43	23080	11.03	ug/L	94
14) Carbon disulfide	2.32	76	37401	1.11	ug/L	98
15) Methyl Acetate	2.47	43	7070	1.14	ug/L	98
16) Methylene chloride	2.54	84	17917	1.33	ug/L	98
17) Methyl tert-butyl Ether	2.82	73	32370	1.08	ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	13409	1.10	ug/L	96
19) 1,1-Dichloroethane	3.23	63	25333	1.10	ug/L	94
21) 2-Butanone	4.07	43	37602	11.48	ug/L	93
22) cis-1,2-Dichloroethene	3.97	96	12334	0.95	ug/L	86
23) Bromochloromethane	4.30	128	5273	0.94	ug/L	95
25) Chloroform	4.43	83	24688	1.10	ug/L	95
27) 1,2-Dichloroethane	5.19	62	16405	1.19	ug/L	# 94
29) 1,1,1-Trichloroethane	4.66	97	19669	1.05	ug/L	99
30) Cyclohexane	4.73	56	18846	0.99	ug/L	99
31) Carbon tetrachloride	4.88	117	16953	1.10	ug/L	95
33) Benzene	5.15	78	51238	1.04	ug/L	100
34) Trichloroethene	5.96	95	12123	0.98	ug/L	95
35) Methylcyclohexane	6.18	83	16835	0.87	ug/L	93
37) 1,2-Dichloropropane	6.23	63	14504	1.11	ug/L	98
38) Bromodichloromethane	6.56	83	16447	1.10	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	15101	0.91	ug/L	89
40) 4-Methyl-2-pentanone	7.29	43	73741	10.08	ug/L	99

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42) Toluene	7.44	91	45063	0.93	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	12820	0.93	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	9227	1.00	ug/L	95
47) Tetrachloroethene	8.03	164	8925	0.92	ug/L	93
48) 2-Hexanone	8.20	43	46695	9.30	ug/L	96
49) Dibromochloromethane	8.30	129	9458	1.00	ug/L	88
50) 1,2-Dibromoethane	8.40	107	7097	0.91	ug/L #	95
51) Chlorobenzene	8.93	112	28703	0.94	ug/L	97
52) Ethylbenzene	9.06	91	43280	0.87	ug/L	99
53) m,p-xylene	9.19	106	14585	0.80	ug/L	99
54) o-xylene	9.59	106	14806	0.80	ug/L	96
55) Styrene	9.61	104	22112	0.75	ug/L	100
56) Isopropylbenzene	9.98	105	37624	0.80	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.30	83	12487	1.10	ug/L #	99
59) 1,2,3-Trichloropropane	10.32	75	7986	1.00	ug/L #	80
61) Bromoform	9.78	173	4799	1.06	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	18395	0.91	ug/L	94
63) 1,4-Dichlorobenzene	11.33	146	18656	0.93	ug/L	92
65) 1,2-Dichlorobenzene	11.70	146	18993	0.95	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	1832	1.25	ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	13598	0.87	ug/L	97
68) 1,2,4-trichlorobenzene	13.32	180	8610	0.72	ug/L	96
69) Naphthalene	13.56	128	12994	0.64	ug/L #	95
70) 1,2,3-Trichlorobenzene	13.80	180	9072	0.79	ug/L	97

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

