

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071718\
 Data File : VV006616.D
 Acq On : 17 Jul 2018 13:33
 Operator : SY/MD
 Sample : VSTD01078
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01078

Quant Time: Jul 17 13:52:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 17 13:43:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	241440	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	226179	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	112603	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	227950	17.37	ug/L	0.00
7) Chloroethane-d5	1.57	69	168862	14.74	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	388546	15.91	ug/L	0.00
20) 2-Butanone-d5	3.96	46	304278	91.26	ug/L	0.00
24) Chloroform-d	4.41	84	366796	14.21	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	180150	15.02	ug/L	0.00
32) Benzene-d6	5.10	84	769755	14.91	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	240463	14.37	ug/L	0.00
41) Toluene-d8	7.36	98	715481	15.52	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	87476	15.41	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	483284	168.61	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	191369	14.54	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	260334	13.44	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	248381	13.12	ug/L	# 80
3) Chloromethane	1.26	50	281989	12.18	ug/L	99
5) Vinyl chloride	1.32	62	296091	13.78	ug/L	99
6) Bromomethane	1.52	94	119035	11.95	ug/L	98
8) Chloroethane	1.59	64	164314	12.59	ug/L	99
9) Trichlorofluoromethane	1.76	101	319524	13.21	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	191761	12.83	ug/L	99
12) 1,1-Dichloroethene	2.14	96	196652	13.01	ug/L	97
13) Acetone	2.19	43	320649	152.06	ug/L	99
14) Carbon disulfide	2.31	76	619195	13.69	ug/L	99
15) Methyl Acetate	2.46	43	92814	14.95	ug/L	99
16) Methylene chloride	2.54	84	221770	13.01	ug/L	100
17) Methyl tert-butyl Ether	2.81	73	508477	14.20	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	217179	13.17	ug/L	99
19) 1,1-Dichloroethane	3.23	63	401938	14.04	ug/L	98
21) 2-Butanone	4.04	43	594822	171.92	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	231121	13.04	ug/L	99
23) Bromochloromethane	4.30	128	94600	13.03	ug/L	97
25) Chloroform	4.43	83	375492	13.19	ug/L	99
27) 1,2-Dichloroethane	5.19	62	224846	13.91	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	305978	12.91	ug/L	100
30) Cyclohexane	4.72	56	327213	12.98	ug/L	# 85
31) Carbon tetrachloride	4.88	117	254723	12.85	ug/L	99
33) Benzene	5.15	78	882652	13.08	ug/L	100
34) Trichloroethene	5.96	95	213641	12.34	ug/L	99
35) Methylcyclohexane	6.18	83	352854	12.65	ug/L	100
37) 1,2-Dichloropropane	6.23	63	219376	13.29	ug/L	100
38) Bromodichloromethane	6.56	83	253762	13.63	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	311177	14.04	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	1340927	160.22	ug/L	99

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42) Toluene	7.44	91	913813	13.01	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	247243	14.45	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	154634	13.38	ug/L	99
47) Tetrachloroethene	8.02	164	168858	11.86	ug/L	96
48) 2-Hexanone	8.19	43	957852	161.41	ug/L	100
49) Dibromochloromethane	8.30	129	168380	13.98	ug/L	98
50) 1,2-Dibromoethane	8.40	107	141514	13.46	ug/L	98
51) Chlorobenzene	8.93	112	581928	12.67	ug/L	100
52) Ethylbenzene	9.06	91	983925	13.19	ug/L	99
53) m,p-xylene	9.19	106	382759	13.32	ug/L	98
54) o-xylene	9.59	106	375260	13.34	ug/L	100
55) Styrene	9.61	104	653626	13.82	ug/L	100
56) Isopropylbenzene	9.98	105	955499	13.24	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	195760	14.36	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	139788	14.23	ug/L	99
61) Bromoform	9.78	173	86990	13.49	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	439144	12.36	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	443636	12.29	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	430624	12.55	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	27356	14.92	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	346263	12.31	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	288699	12.90	ug/L	100
69) Naphthalene	13.56	128	567796	14.94	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	277379	13.22	ug/L	100

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

