

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082818\
 Data File : VU026402.D
 Acq On : 28 Aug 2018 16:30
 Operator : MD/SY
 Sample : VSTD00143
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00143

Quant Time: Aug 28 23:51:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 28 23:50:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	63305	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	63430	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	28731	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	9796	1.16	ug/L	0.00
7) Chloroethane-d5	1.68	69	7289	1.15	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	15927	1.12	ug/L	0.00
20) 2-Butanone-d5	4.20	46	17767	11.39	ug/L	0.00
24) Chloroform-d	4.65	84	10013	1.04	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	6979	1.15	ug/L	0.00
32) Benzene-d6	5.34	84	24194	1.11	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	8163	1.13	ug/L	0.00
41) Toluene-d8	7.57	98	21616	1.06	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.86	79	2730	1.04	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	11113	9.55	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	6289	1.13	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	7590	1.13	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	6250	1.03	ug/L	100
3) Chloromethane	1.33	50	8151	1.01	ug/L	100
5) Vinyl chloride	1.40	62	8094	1.00	ug/L	98
6) Bromomethane	1.63	94	3656	0.94	ug/L	95
8) Chloroethane	1.70	64	4801	1.01	ug/L	95
9) Trichlorofluoromethane	1.89	101	9798	1.02	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	5846	1.03	ug/L	97
12) 1,1-Dichloroethene	2.28	96	5292	1.02	ug/L	89
13) Acetone	2.32	43	11616	10.09	ug/L	97
14) Carbon disulfide	2.48	76	19062	1.00	ug/L	100
15) Methyl Acetate	2.62	43	3423	1.05	ug/L	# 88
16) Methylene chloride	2.70	84	6771	1.04	ug/L	94
17) Methyl tert-butyl Ether	3.00	73	12517	0.96	ug/L	94
18) trans-1,2-Dichloroethene	2.98	96	5905	1.04	ug/L	86
19) 1,1-Dichloroethane	3.45	63	11734	1.00	ug/L	98
21) 2-Butanone	4.28	43	14522	9.83	ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	5802	1.01	ug/L	90
23) Bromochloromethane	4.55	128	2374	1.02	ug/L	88
25) Chloroform	4.68	83	12832	1.14	ug/L	90
27) 1,2-Dichloroethane	5.41	62	5931	0.94	ug/L	97
29) 1,1,1-Trichloroethane	4.91	97	7964	1.00	ug/L	98
30) Cyclohexane	5.00	56	7537	0.93	ug/L	98
31) Carbon tetrachloride	5.13	117	6905	0.96	ug/L	95
33) Benzene	5.39	78	20625	0.98	ug/L	100
34) Trichloroethene	6.19	95	5765	1.01	ug/L	92
35) Methylcyclohexane	6.42	83	7308	0.90	ug/L	96
37) 1,2-Dichloropropane	6.44	63	5624	0.96	ug/L	# 91
38) Bromodichloromethane	6.76	83	6532	0.95	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	6854	0.92	ug/L	99
40) 4-Methyl-2-pentanone	7.47	43	28339	8.62	ug/L	97

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42) Toluene	7.64	91	19607	0.91	ug/L	98
44) trans-1,3-Dichloropropene	7.89	75	5328	0.87	ug/L	93
45) 1,1,2-Trichloroethane	8.07	97	3679	1.00	ug/L	91
47) Tetrachloroethene	8.23	164	4174	0.98	ug/L	95
48) 2-Hexanone	8.37	43	21269	8.74	ug/L	98
49) Dibromochloromethane	8.48	129	4206	0.94	ug/L	95
50) 1,2-Dibromoethane	8.59	107	3358	0.97	ug/L #	95
51) Chlorobenzene	9.12	112	13484	0.97	ug/L	100
52) Ethylbenzene	9.25	91	20336	0.89	ug/L	99
53) m,p-xylene	9.38	106	6878	0.82	ug/L	88
54) o-xylene	9.78	106	6651	0.84	ug/L	97
55) Styrene	9.80	104	11066	0.80	ug/L	99
56) Isopropylbenzene	10.17	105	17828	0.85	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	4700	0.98	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	3053	0.91	ug/L	97
61) Bromoform	9.96	173	2433	1.07	ug/L #	86
62) 1,3-Dichlorobenzene	11.42	146	9184	0.99	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	9535	0.98	ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	9094	0.99	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.66	75	592	0.97	ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	7670	0.99	ug/L	94
68) 1,2,4-trichlorobenzene	13.51	180	6026	0.97	ug/L	98
69) Naphthalene	13.75	128	8215	0.86	ug/L #	97
70) 1,2,3-Trichlorobenzene	13.99	180	5378	0.93	ug/L	97

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

