

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081718\
 Data File : VU026183.D
 Acq On : 17 Aug 2018 16:58
 Operator : MD/SY
 Sample : VSTD01043
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01043

Quant Time: Aug 18 00:01:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 17 23:59:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	142101	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	141679	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	74528	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	78972	7.90	ug/L	0.00
7) Chloroethane-d5	1.68	69	64898	8.04	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	163846	8.84	ug/L	0.00
20) 2-Butanone-d5	4.19	46	222521	88.56	ug/L	0.00
24) Chloroform-d	4.65	84	178806	9.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.32	65	94108	10.02	ug/L	0.00
32) Benzene-d6	5.34	84	353327	8.90	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	110263	8.86	ug/L	0.00
41) Toluene-d8	7.57	98	350339	9.39	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	47108	11.16	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	201554	94.38	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	90278	9.52	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	137422	8.94	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	130980	11.31	ug/L	99
3) Chloromethane	1.33	50	123310	10.45	ug/L	98
5) Vinyl chloride	1.41	62	117235	10.00	ug/L	99
6) Bromomethane	1.63	94	65040	10.62	ug/L	96
8) Chloroethane	1.70	64	66648	8.10	ug/L	97
9) Trichlorofluoromethane	1.89	101	167489	10.78	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	91132	9.88	ug/L	98
12) 1,1-Dichloroethene	2.29	96	82461	9.50	ug/L	95
13) Acetone	2.32	43	133650	89.82	ug/L	100
14) Carbon disulfide	2.48	76	288062	9.85	ug/L	99
15) Methyl Acetate	2.62	43	36843	8.14	ug/L	98
16) Methylene chloride	2.70	84	91577	9.27	ug/L	97
17) Methyl tert-butyl Ether	3.01	73	206193	9.83	ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	90572	9.66	ug/L	98
19) 1,1-Dichloroethane	3.45	63	173141	9.68	ug/L	97
21) 2-Butanone	4.28	43	254470	98.20	ug/L	100
22) cis-1,2-Dichloroethene	4.23	96	113549	10.72	ug/L	93
23) Bromochloromethane	4.55	128	50507	10.72	ug/L	98
25) Chloroform	4.68	83	214634	11.58	ug/L	100
27) 1,2-Dichloroethane	5.41	62	126126	11.30	ug/L	100
29) 1,1,1-Trichloroethane	4.92	97	180954	11.45	ug/L	100
30) Cyclohexane	5.00	56	166158	10.20	ug/L	100
31) Carbon tetrachloride	5.14	117	171292	12.37	ug/L	99
33) Benzene	5.39	78	422032	10.10	ug/L	100
34) Trichloroethene	6.19	95	113596	10.33	ug/L	98
35) Methylcyclohexane	6.42	83	178525	10.57	ug/L	97
37) 1,2-Dichloropropane	6.44	63	111982	10.20	ug/L	# 94
38) Bromodichloromethane	6.76	83	143186	11.19	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	158168	11.56	ug/L	99
40) 4-Methyl-2-pentanone	7.47	43	625878	104.08	ug/L	98

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42) Toluene	7.64	91	462267	10.75	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	134689	12.14	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	75307	10.24	ug/L	97
47) Tetrachloroethene	8.23	164	96585	10.59	ug/L	99
48) 2-Hexanone	8.37	43	441237	102.04	ug/L	100
49) Dibromochloromethane	8.48	129	102093	11.85	ug/L	95
50) 1,2-Dibromoethane	8.59	107	73166	10.77	ug/L	98
51) Chlorobenzene	9.12	112	298414	10.54	ug/L	100
52) Ethylbenzene	9.25	91	497464	11.17	ug/L	98
53) m,p-xylene	9.38	106	199105	11.74	ug/L	99
54) o-xylene	9.78	106	191462	11.56	ug/L	97
55) Styrene	9.80	104	331495	12.08	ug/L	100
56) Isopropylbenzene	10.17	105	506178	11.71	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	94723	10.23	ug/L	98
59) 1,2,3-Trichloropropane	10.50	75	67861	10.85	ug/L	95
61) Bromoform	9.96	173	58073	10.59	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	234870	9.98	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	245266	10.35	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	231543	9.82	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	15725	10.68	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	190789	10.42	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	150615	11.85	ug/L	98
69) Naphthalene	13.75	128	234361	12.29	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	143194	11.54	ug/L	98

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

