

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111718\
 Data File : VU028219.D
 Acq On : 17 Nov 2018 12:09
 Operator : MD/SY
 Sample : VSTD00115
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00115

Quant Time: Nov 19 01:16:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Nov 19 01:13:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	166003	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	157280	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	69510	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	12078	0.97	ug/L	0.00
7) Chloroethane-d5	1.68	69	10499	0.97	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	24514	0.99	ug/L	0.00
20) 2-Butanone-d5	4.21	46	42336	10.13	ug/L	0.00
24) Chloroform-d	4.66	84	22591	0.97	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	12993	1.01	ug/L	0.00
32) Benzene-d6	5.34	84	43444	0.96	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	15589	0.95	ug/L	0.00
41) Toluene-d8	7.57	98	38754	0.96	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	4671	0.89	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	28844	9.16	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	11375	0.96	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	12820	0.99	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	14884	1.07	ug/L	95
3) Chloromethane	1.33	50	18878	1.06	ug/L	94
5) Vinyl chloride	1.40	62	17514	1.04	ug/L	# 83
6) Bromomethane	1.63	94	7811	1.03	ug/L	99
8) Chloroethane	1.70	64	10745	1.08	ug/L	99
9) Trichlorofluoromethane	1.89	101	20353	1.04	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.30	101	10886	1.01	ug/L	98
12) 1,1-Dichloroethene	2.29	96	10868	1.06	ug/L	99
13) Acetone	2.34	43	31905	11.10	ug/L	100
14) Carbon disulfide	2.48	76	33721	1.05	ug/L	100
15) Methyl Acetate	2.62	43	8647	1.13	ug/L	96
16) Methylene chloride	2.70	84	14492	1.13	ug/L	98
17) Methyl tert-butyl Ether	3.01	73	33801	1.10	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	11720	1.08	ug/L	95
19) 1,1-Dichloroethane	3.45	63	27440	1.09	ug/L	96
21) 2-Butanone	4.29	43	49207	10.75	ug/L	97
22) cis-1,2-Dichloroethene	4.23	96	13610	1.06	ug/L	87
23) Bromochloromethane	4.56	128	5426	1.08	ug/L	91
25) Chloroform	4.68	83	30636	1.12	ug/L	99
27) 1,2-Dichloroethane	5.41	62	17130	1.10	ug/L	96
29) 1,1,1-Trichloroethane	4.91	97	19251	1.09	ug/L	97
30) Cyclohexane	4.99	56	23683	1.02	ug/L	99
31) Carbon tetrachloride	5.13	117	15450	1.06	ug/L	96
33) Benzene	5.39	78	55948	1.08	ug/L	100
34) Trichloroethene	6.19	95	12837	1.01	ug/L	94
35) Methylcyclohexane	6.42	83	18938	0.95	ug/L	92
37) 1,2-Dichloropropane	6.44	63	16003	1.08	ug/L	# 95
38) Bromodichloromethane	6.76	83	17337	1.07	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	18385	0.98	ug/L	100
40) 4-Methyl-2-pentanone	7.47	43	113573	10.73	ug/L	98

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42) Toluene	7.64	91	54227	1.03	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	13474	0.95	ug/L	97
45) 1,1,2-Trichloroethane	8.07	97	10144	1.13	ug/L	94
47) Tetrachloroethene	8.23	164	9363	1.06	ug/L	98
48) 2-Hexanone	8.37	43	81880	10.85	ug/L	96
49) Dibromochloromethane	8.48	129	9226	1.02	ug/L	97
50) 1,2-Dibromoethane	8.58	107	8336	1.03	ug/L	98
51) Chlorobenzene	9.12	112	31957	1.06	ug/L	94
52) Ethylbenzene	9.25	91	57344	1.01	ug/L	95
53) m,p-xylene	9.38	106	19496	0.99	ug/L	93
54) o-xylene	9.78	106	19308	0.98	ug/L	96
55) Styrene	9.79	104	32802	1.00	ug/L	97
56) Isopropylbenzene	10.17	105	52468	1.00	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	12831	1.12	ug/L #	92
59) 1,2,3-Trichloropropane	10.50	75	9163	1.07	ug/L	98
61) Bromoform	9.96	173	4769	1.08	ug/L	94
62) 1,3-Dichlorobenzene	11.42	146	22547	1.07	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	22932	1.06	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	22310	1.08	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	1821	1.13	ug/L #	86
67) 1,3,5-Trichlorobenzene	12.89	180	16560	1.02	ug/L	95
68) 1,2,4-trichlorobenzene	13.50	180	13055	0.97	ug/L	93
69) Naphthalene	13.75	128	21910	0.91	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	12905	1.01	ug/L	99

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

