

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111718\
 Data File : VU028218.D
 Acq On : 17 Nov 2018 11:45
 Operator : MD/SY
 Sample : VSTD0.514
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.514

Quant Time: Nov 19 01:16:25 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	167396	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	156840	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	68277	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	6517	0.52	ug/L	0.00
7) Chloroethane-d5	1.68	69	6082	0.56	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	13022	0.52	ug/L	0.00
20) 2-Butanone-d5	4.22	46	20209	4.79	ug/L	0.01
24) Chloroform-d	4.65	84	12030	0.51	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	6866	0.53	ug/L	0.00
32) Benzene-d6	5.34	84	24431	0.54	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	8743	0.53	ug/L	0.00
41) Toluene-d8	7.57	98	21364	0.53	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	2492	0.48	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	15411	4.91	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	6356	0.54	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	7081	0.56	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	7385	0.53	ug/L	95
3) Chloromethane	1.33	50	9757	0.55	ug/L	95
5) Vinyl chloride	1.40	62	9012	0.53	ug/L	94
6) Bromomethane	1.63	94	3982	0.52	ug/L	86
8) Chloroethane	1.70	64	5349	0.53	ug/L	93
9) Trichlorofluoromethane	1.89	101	10307	0.52	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	6022	0.55	ug/L	89
12) 1,1-Dichloroethene	2.29	96	5371	0.52	ug/L	90
13) Acetone	2.36	43	16850	5.81	ug/L	87
14) Carbon disulfide	2.48	76	16244	0.50	ug/L	97
15) Methyl Acetate	2.63	43	4680	0.61	ug/L #	86
16) Methylene chloride	2.70	84	7601	0.59	ug/L	92
17) Methyl tert-butyl Ether	3.01	73	16594	0.54	ug/L	96
18) trans-1,2-Dichloroethene	2.99	96	5524	0.50	ug/L	92
19) 1,1-Dichloroethane	3.45	63	12843	0.50	ug/L	99
21) 2-Butanone	4.31	43	24567	5.32	ug/L	80
22) cis-1,2-Dichloroethene	4.22	96	6813	0.53	ug/L	98
23) Bromochloromethane	4.55	128	2703	0.53	ug/L	94
25) Chloroform	4.68	83	18289	0.66	ug/L	95
27) 1,2-Dichloroethane	5.41	62	8223	0.52	ug/L #	95
29) 1,1,1-Trichloroethane	4.91	97	8622	0.49	ug/L	97
30) Cyclohexane	4.99	56	11792	0.51	ug/L	99
31) Carbon tetrachloride	5.13	117	6828	0.47	ug/L	94
33) Benzene	5.39	78	26471	0.51	ug/L	100
34) Trichloroethene	6.19	95	6806	0.54	ug/L	93
35) Methylcyclohexane	6.42	83	10402	0.52	ug/L	97
37) 1,2-Dichloropropane	6.43	63	7258	0.49	ug/L #	96
38) Bromodichloromethane	6.76	83	8749	0.54	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	9327	0.50	ug/L	99
40) 4-Methyl-2-pentanone	7.47	43	53298	5.05	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	26531	0.51	ug/L	94
44) trans-1,3-Dichloropropene	7.89	75	6858	0.49	ug/L	94
45) 1,1,2-Trichloroethane	8.07	97	4664	0.52	ug/L	97
47) Tetrachloroethene	8.23	164	4582	0.52	ug/L	87
48) 2-Hexanone	8.37	43	37033	4.92	ug/L	97
49) Dibromochloromethane	8.48	129	4410	0.49	ug/L	94
50) 1,2-Dibromoethane	8.59	107	4040	0.50	ug/L #	92
51) Chlorobenzene	9.12	112	15189	0.50	ug/L	95
52) Ethylbenzene	9.25	91	27789	0.49	ug/L	95
53) m,p-xylene	9.38	106	8793	0.45	ug/L	85
54) o-xylene	9.78	106	9473	0.48	ug/L	97
55) Styrene	9.80	104	14356	0.44	ug/L	99
56) Isopropylbenzene	10.17	105	24936	0.48	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.46	83	5499	0.48	ug/L #	84
59) 1,2,3-Trichloropropane	10.49	75	4767	0.56	ug/L	96
61) Bromoform	9.96	173	2101	0.49	ug/L #	84
62) 1,3-Dichlorobenzene	11.42	146	10802	0.52	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	11450	0.54	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	11390	0.56	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.67	75	856	0.54	ug/L	90
67) 1,3,5-Trichlorobenzene	12.89	180	8240	0.52	ug/L	95
68) 1,2,4-trichlorobenzene	13.51	180	6834	0.51	ug/L	96
69) Naphthalene	13.75	128	11639	0.49	ug/L #	90
70) 1,2,3-Trichlorobenzene	13.99	180	6395	0.51	ug/L	99

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

