

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111718\
 Data File : VU028222.D
 Acq On : 17 Nov 2018 13:20
 Operator : MD/SY
 Sample : VSTD02018
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02018

Quant Time: Nov 19 01:17:55 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	158683	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	155421	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	75251	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	245859	20.59	ug/L	0.00
7) Chloroethane-d5	1.68	69	207213	20.10	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	486687	20.48	ug/L	0.00
20) 2-Butanone-d5	4.20	46	807993	202.20	ug/L	0.00
24) Chloroform-d	4.65	84	458450	20.58	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	244524	19.86	ug/L	0.00
32) Benzene-d6	5.34	84	905152	20.24	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	330403	20.34	ug/L	0.00
41) Toluene-d8	7.57	98	826857	20.65	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	112904	21.76	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	656455	210.93	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	232548	19.82	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	276683	19.77	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	257846	19.35	ug/L	100
3) Chloromethane	1.33	50	328801	19.39	ug/L	99
5) Vinyl chloride	1.40	62	315842	19.61	ug/L	97
6) Bromomethane	1.63	94	147137	20.24	ug/L	98
8) Chloroethane	1.70	64	181882	19.11	ug/L	94
9) Trichlorofluoromethane	1.89	101	372300	19.85	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	203400	19.70	ug/L	99
12) 1,1-Dichloroethene	2.29	96	192026	19.66	ug/L	93
13) Acetone	2.34	43	482158	175.44	ug/L	98
14) Carbon disulfide	2.48	76	623415	20.32	ug/L	98
15) Methyl Acetate	2.63	43	126493	17.37	ug/L	97
16) Methylene chloride	2.70	84	217559	17.68	ug/L	99
17) Methyl tert-butyl Ether	3.01	73	548818	18.70	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	204559	19.66	ug/L	100
19) 1,1-Dichloroethane	3.44	63	477771	19.80	ug/L	99
21) 2-Butanone	4.29	43	818758	187.09	ug/L	99
22) cis-1,2-Dichloroethene	4.23	96	243425	19.79	ug/L	96
23) Bromochloromethane	4.55	128	93890	19.51	ug/L	95
25) Chloroform	4.67	83	439515	16.83	ug/L	99
27) 1,2-Dichloroethane	5.41	62	286238	19.18	ug/L	99
29) 1,1,1-Trichloroethane	4.92	97	350597	20.01	ug/L	97
30) Cyclohexane	4.99	56	469653	20.48	ug/L	99
31) Carbon tetrachloride	5.13	117	297299	20.68	ug/L	100
33) Benzene	5.39	78	1001730	19.53	ug/L	100
34) Trichloroethene	6.19	95	247080	19.68	ug/L	98
35) Methylcyclohexane	6.41	83	411748	20.82	ug/L	99
37) 1,2-Dichloropropane	6.43	63	284108	19.42	ug/L	99
38) Bromodichloromethane	6.76	83	309770	19.41	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	393572	21.22	ug/L	98
40) 4-Methyl-2-pentanone	7.47	43	2024083	193.49	ug/L	100

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42) Toluene	7.64	91	1039410	20.00	ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	298308	21.38	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	166689	18.85	ug/L	98
47) Tetrachloroethene	8.23	164	170677	19.58	ug/L	98
48) 2-Hexanone	8.37	43	1444397	193.65	ug/L	99
49) Dibromochloromethane	8.48	129	185962	20.78	ug/L	99
50) 1,2-Dibromoethane	8.59	107	157228	19.68	ug/L	99
51) Chlorobenzene	9.12	112	606783	20.27	ug/L	98
52) Ethylbenzene	9.25	91	1166502	20.85	ug/L	96
53) m,p-xylene	9.38	106	415501	21.41	ug/L	99
54) o-xylene	9.78	106	408746	21.09	ug/L	99
55) Styrene	9.79	104	707866	21.75	ug/L	98
56) Isopropylbenzene	10.17	105	1102475	21.23	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	221429	19.48	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	156063	18.46	ug/L	99
61) Bromoform	9.96	173	98933	20.74	ug/L	97
62) 1,3-Dichlorobenzene	11.42	146	459909	20.08	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	466774	19.98	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	427521	19.04	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	32051	18.32	ug/L #	87
67) 1,3,5-Trichlorobenzene	12.89	180	362030	20.67	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	312352	21.34	ug/L	99
69) Naphthalene	13.74	128	573406	22.04	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	289115	20.85	ug/L	99

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

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