

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021219\
 Data File : VU029415.D
 Acq On : 12 Feb 2019 13:01
 Operator : JC/SP
 Sample : VSTD00547
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00547

Quant Time: Feb 13 02:58:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 13 02:55:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	214884	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	201146	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	112140	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	69203	4.47	ug/L	0.00
7) Chloroethane-d5	1.68	69	60201	4.72	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	151108	4.80	ug/L	0.00
20) 2-Butanone-d5	4.20	46	143818	50.63	ug/L	0.00
24) Chloroform-d	4.65	84	111156	4.71	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	58257	4.72	ug/L	0.00
32) Benzene-d6	5.34	84	239257	4.89	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	71056	4.91	ug/L	0.00
41) Toluene-d8	7.56	98	233545	4.83	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	31713	4.78	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	145560	50.61	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	60025	4.90	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	98529	4.84	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	91590	5.253	ug/L 100
3) Chloromethane	1.32	50	83758	5.103	ug/L 100
5) Vinyl chloride	1.40	62	99065	5.338	ug/L 100
6) Bromomethane	1.63	94	61797	4.723	ug/L 100
8) Chloroethane	1.70	64	63851	5.435	ug/L 100
9) Trichlorofluoromethane	1.88	101	152645	5.355	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	89778	5.291	ug/L 100
12) 1,1-Dichloroethene	2.28	96	83889	5.251	ug/L 100
13) Acetone	2.33	43	130861	55.515	ug/L 100
14) Carbon disulfide	2.48	76	280571	5.221	ug/L 100
15) Methyl Acetate	2.62	43	33431	5.175	ug/L 100
16) Methylene chloride	2.70	84	89746	5.099	ug/L 100
17) Methyl tert-butyl Ether	3.00	73	212354	5.288	ug/L 100
18) trans-1,2-Dichloroethene	2.98	96	90994	5.253	ug/L 100
19) 1,1-Dichloroethane	3.44	63	124975	4.953	ug/L 100
21) 2-Butanone	4.28	43	165878	57.252	ug/L 100
22) cis-1,2-Dichloroethene	4.22	96	83785	5.375	ug/L 100
23) Bromochloromethane	4.55	128	37512	5.298	ug/L 100
25) Chloroform	4.67	83	140005	5.531	ug/L 100
27) 1,2-Dichloroethane	5.41	62	79975	5.409	ug/L 100
29) 1,1,1-Trichloroethane	4.91	97	122466	5.419	ug/L 100
30) Cyclohexane	4.99	56	117335	5.442	ug/L 100
31) Carbon tetrachloride	5.13	117	110253	5.329	ug/L 100
33) Benzene	5.39	78	289370	5.511	ug/L 100
34) Trichloroethene	6.18	95	80974	5.416	ug/L 100
35) Methylcyclohexane	6.41	83	135821	5.310	ug/L 100
37) 1,2-Dichloropropane	6.43	63	71973	5.390	ug/L 100
38) Bromodichloromethane	6.76	83	95871	5.295	ug/L 100
39) cis-1,3-Dichloropropene	7.27	75	114130	5.325	ug/L 100
40) 4-Methyl-2-pentanone	7.46	43	411419	54.795	ug/L 100

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42) Toluene	7.63	91	327086	5.461	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	93123	5.241	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	55657	5.374	ug/L	100
47) Tetrachloroethene	8.22	164	75068	5.406	ug/L	100
48) 2-Hexanone	8.36	43	297122	56.732	ug/L	100
49) Dibromochloromethane	8.47	129	74021	5.255	ug/L	100
50) 1,2-Dibromoethane	8.59	107	54848	5.451	ug/L	100
51) Chlorobenzene	9.12	112	221919	5.378	ug/L	100
52) Ethylbenzene	9.25	91	366286	5.383	ug/L	100
53) m,p-xylene	9.37	106	144456	5.325	ug/L	100
54) o-xylene	9.77	106	143506	5.422	ug/L	100
55) Styrene	9.79	104	236894	5.396	ug/L	100
56) Isopropylbenzene	10.16	105	380364	5.427	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	67178	5.298	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	45599	5.399	ug/L	100
61) Bromoform	9.95	173	46460	5.210	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	189898	5.373	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	189413	5.280	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	177323	5.350	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	11372	5.164	ug/L	100
67) 1,3,5-Trichlorobenzene	12.88	180	156740	5.365	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	133449	5.260	ug/L	100
69) Naphthalene	13.74	128	223703	5.639	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	124810	5.416	ug/L	100

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

