

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022119\
 Data File : VU029590.D
 Acq On : 21 Feb 2019 11:52
 Operator : JC/SP
 Sample : VSTD01049
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01049

Quant Time: Feb 22 02:42:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 22 02:38:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	250041	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	254619	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	143415	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	167559	10.26	ug/L	0.00
7) Chloroethane-d5	1.68	69	157843	10.27	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	357921	10.20	ug/L	0.00
20) 2-Butanone-d5	4.19	46	399549	108.22	ug/L	0.00
24) Chloroform-d	4.65	84	304057	10.57	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	160586	10.33	ug/L	0.00
32) Benzene-d6	5.34	84	660116	10.10	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	193390	10.17	ug/L	0.00
41) Toluene-d8	7.56	98	653159	10.20	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	82887	10.61	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	416800	108.91	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	177630	10.40	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	281799	9.99	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	195670	10.024	ug/L 99
3) Chloromethane	1.33	50	167057	9.903	ug/L 100
5) Vinyl chloride	1.40	62	211238	9.906	ug/L 99
6) Bromomethane	1.62	94	119127	10.091	ug/L 99
8) Chloroethane	1.69	64	132705	9.606	ug/L 96
9) Trichlorofluoromethane	1.88	101	312453	9.881	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	193144	9.898	ug/L 100
12) 1,1-Dichloroethene	2.28	96	182548	9.842	ug/L 97
13) Acetone	2.32	43	257743	97.173	ug/L 100
14) Carbon disulfide	2.48	76	599595	9.842	ug/L 100
15) Methyl Acetate	2.62	43	73308	9.474	ug/L 100
16) Methylene chloride	2.70	84	194795	8.880	ug/L 99
17) Methyl tert-butyl Ether	3.00	73	437607	9.867	ug/L 100
18) trans-1,2-Dichloroethene	2.98	96	197507	9.785	ug/L 98
19) 1,1-Dichloroethane	3.44	63	333733	10.619	ug/L 100
21) 2-Butanone	4.28	43	379734	103.181	ug/L 100
22) cis-1,2-Dichloroethene	4.22	96	183092	9.904	ug/L 100
23) Bromochloromethane	4.55	128	84765	10.161	ug/L 98
25) Chloroform	4.67	83	306923	9.755	ug/L 99
27) 1,2-Dichloroethane	5.41	62	188193	10.128	ug/L 100
29) 1,1,1-Trichloroethane	4.91	97	259052	9.787	ug/L 99
30) Cyclohexane	4.99	56	256477	9.792	ug/L 97
31) Carbon tetrachloride	5.13	117	230513	10.007	ug/L 100
33) Benzene	5.39	78	649236	9.649	ug/L 100
34) Trichloroethene	6.18	95	181496	9.662	ug/L 99
35) Methylcyclohexane	6.41	83	301703	9.903	ug/L 99
37) 1,2-Dichloropropane	6.43	63	166644	9.831	ug/L 100
38) Bromodichloromethane	6.76	83	210541	9.950	ug/L 98
39) cis-1,3-Dichloropropene	7.27	75	254428	10.255	ug/L 100
40) 4-Methyl-2-pentanone	7.46	43	961462	100.919	ug/L 100

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42) Toluene	7.63	91	753833	9.877	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	211850	10.637	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	128348	9.669	ug/L	98
47) Tetrachloroethene	8.22	164	168073	9.635	ug/L	99
48) 2-Hexanone	8.36	43	708268	101.652	ug/L	99
49) Dibromochloromethane	8.48	129	163316	10.157	ug/L	97
50) 1,2-Dibromoethane	8.59	107	126613	9.744	ug/L	100
51) Chlorobenzene	9.12	112	515096	9.824	ug/L	98
52) Ethylbenzene	9.25	91	856061	10.028	ug/L	99
53) m,p-xylene	9.37	106	347722	10.160	ug/L	99
54) o-xylene	9.77	106	336030	10.197	ug/L	99
55) Styrene	9.79	104	570280	10.359	ug/L	98
56) Isopropylbenzene	10.16	105	897796	10.153	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	163434	9.988	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	110133	9.729	ug/L	99
61) Bromoform	9.95	173	97494	10.251	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	443183	9.733	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	443184	9.598	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	421920	9.599	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.65	75	24972	9.664	ug/L	92
67) 1,3,5-Trichlorobenzene	12.88	180	357364	9.745	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	316469	10.214	ug/L	100
69) Naphthalene	13.74	128	521591	10.889	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	290198	10.001	ug/L	99

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

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