

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021219\
 Data File : VU029416.D
 Acq On : 12 Feb 2019 13:25
 Operator : JC/SP
 Sample : VSTD01048
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01048

Quant Time: Feb 13 02:59:02 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	209600	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	202831	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	113189	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	142128	9.40	ug/L	0.00
7) Chloroethane-d5	1.68	69	124078	9.97	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	306686	9.98	ug/L	0.00
20) 2-Butanone-d5	4.19	46	300767	108.55	ug/L	0.00
24) Chloroform-d	4.65	84	235040	10.20	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	119044	9.88	ug/L	0.00
32) Benzene-d6	5.34	84	495251	10.03	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	143245	9.81	ug/L	0.00
41) Toluene-d8	7.56	98	489242	10.03	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	65920	9.85	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	306687	105.74	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	126426	10.23	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	211238	10.29	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	176907	10.402	ug/L 96
3) Chloromethane	1.32	50	166522	10.402	ug/L 99
5) Vinyl chloride	1.40	62	196457	10.853	ug/L 100
6) Bromomethane	1.62	94	111923	8.769	ug/L 99
8) Chloroethane	1.70	64	122423	10.683	ug/L 100
9) Trichlorofluoromethane	1.88	101	303907	10.929	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	179008	10.816	ug/L 98
12) 1,1-Dichloroethene	2.28	96	165379	10.612	ug/L 99
13) Acetone	2.32	43	252369	109.761	ug/L 99
14) Carbon disulfide	2.48	76	555776	10.602	ug/L 98
15) Methyl Acetate	2.62	43	65976	10.470	ug/L 98
16) Methylene chloride	2.70	84	174777	10.181	ug/L 97
17) Methyl tert-butyl Ether	3.00	73	414533	10.583	ug/L 99
18) trans-1,2-Dichloroethene	2.98	96	177092	10.480	ug/L 99
19) 1,1-Dichloroethane	3.44	63	249383	10.134	ug/L 100
21) 2-Butanone	4.28	43	324466	114.810	ug/L 98
22) cis-1,2-Dichloroethene	4.22	96	162904	10.713	ug/L 98
23) Bromochloromethane	4.55	128	75582	10.944	ug/L 99
25) Chloroform	4.67	83	267802	10.847	ug/L 96
27) 1,2-Dichloroethane	5.40	62	156761	10.870	ug/L 99
29) 1,1,1-Trichloroethane	4.91	97	239719	10.519	ug/L 100
30) Cyclohexane	4.99	56	230132	10.584	ug/L 100
31) Carbon tetrachloride	5.13	117	219938	10.541	ug/L 98
33) Benzene	5.39	78	562268	10.620	ug/L 100
34) Trichloroethene	6.18	95	159801	10.599	ug/L 98
35) Methylcyclohexane	6.41	83	267158	10.358	ug/L 100
37) 1,2-Dichloropropane	6.43	63	142484	10.581	ug/L 99
38) Bromodichloromethane	6.76	83	190299	10.424	ug/L 100
39) cis-1,3-Dichloropropene	7.27	75	228952	10.594	ug/L 99
40) 4-Methyl-2-pentanone	7.46	43	811834	107.227	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.63	91	645313	10.684	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	183373	10.234	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	108920	10.430	ug/L	97
47) Tetrachloroethene	8.22	164	149537	10.679	ug/L	97
48) 2-Hexanone	8.36	43	592518	112.194	ug/L	100
49) Dibromochloromethane	8.48	129	151054	10.636	ug/L	100
50) 1,2-Dibromoethane	8.58	107	108972	10.741	ug/L	95
51) Chlorobenzene	9.12	112	439944	10.574	ug/L	98
52) Ethylbenzene	9.25	91	727059	10.596	ug/L	98
53) m,p-xylene	9.37	106	295452	10.801	ug/L	100
54) o-xylene	9.78	106	289251	10.837	ug/L	99
55) Styrene	9.79	104	483962	10.933	ug/L	99
56) Isopropylbenzene	10.16	105	766702	10.849	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	133806	10.465	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	91991	10.801	ug/L	97
61) Bromoform	9.95	173	94239	10.470	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	386800	10.842	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	386390	10.671	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	362637	10.840	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	22997	10.347	ug/L	97
67) 1,3,5-Trichlorobenzene	12.88	180	327505	11.106	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	287280	11.218	ug/L	99
69) Naphthalene	13.74	128	485331	12.120	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	263984	11.349	ug/L	100

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

