

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021119\
 Data File : VU029389.D
 Acq On : 11 Feb 2019 10:56
 Operator : JC/SP
 Sample : VSTD00145
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00145

Quant Time: Feb 12 01:00:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Feb 12 00:57:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	225417	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	210150	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	115114	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	15749	0.76	ug/L	0.00
7) Chloroethane-d5	1.68	69	12694	0.83	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	31864	0.86	ug/L	0.00
20) 2-Butanone-d5	4.20	46	28329	6.88	ug/L	0.00
24) Chloroform-d	4.65	84	23684	0.71	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	12504	0.69	ug/L	0.00
32) Benzene-d6	5.34	84	49240	0.85	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	14821	0.85	ug/L	0.00
41) Toluene-d8	7.56	98	48178	0.88	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	6460	0.83	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	28191	7.97	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	12659	0.83	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	20137	0.89	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	18291	0.637 ug/L	99
3) Chloromethane	1.32	50	17296	0.676 ug/L	100
5) Vinyl chloride	1.40	62	18327	0.700 ug/L	94
6) Bromomethane	1.63	94	12496	0.860 ug/L	100
8) Chloroethane	1.70	64	12436	0.840 ug/L	99
9) Trichlorofluoromethane	1.88	101	28600	0.809 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	17019	0.924 ug/L	99
12) 1,1-Dichloroethene	2.28	96	16327	0.960 ug/L	88
13) Acetone	2.33	43	24313	7.698 ug/L	99
14) Carbon disulfide	2.48	76	55706	0.946 ug/L #	95
15) Methyl Acetate	2.62	43	7061	0.913 ug/L	99
16) Methylene chloride	2.70	84	20142	1.011 ug/L	97
17) Methyl tert-butyl Ether	3.00	73	39397	0.896 ug/L	97
18) trans-1,2-Dichloroethene	2.98	96	17853	0.960 ug/L	98
19) 1,1-Dichloroethane	3.44	63	27250	0.830 ug/L #	94
21) 2-Butanone	4.29	43	28232	6.326 ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	16131	0.889 ug/L	99
23) Bromochloromethane	4.55	128	7364	0.888 ug/L	97
25) Chloroform	4.67	83	26271	0.795 ug/L	96
27) 1,2-Dichloroethane	5.40	62	14900	0.675 ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	23241	0.837 ug/L	98
30) Cyclohexane	4.99	56	22909	0.908 ug/L	95
31) Carbon tetrachloride	5.13	117	21132	0.886 ug/L	97
33) Benzene	5.39	78	52133	0.817 ug/L	100
34) Trichloroethene	6.19	95	15054	0.876 ug/L	95
35) Methylcyclohexane	6.41	83	27107	0.973 ug/L	98
37) 1,2-Dichloropropane	6.43	63	13745	0.822 ug/L #	94
38) Bromodichloromethane	6.76	83	19209	0.860 ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	21803	0.893 ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	76567	7.671 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	60309	0.868	ug/L	95
44) trans-1,3-Dichloropropene	7.88	75	17134	0.813	ug/L	96
45) 1,1,2-Trichloroethane	8.07	97	10505	0.862	ug/L	96
47) Tetrachloroethene	8.22	164	13794	0.908	ug/L	97
48) 2-Hexanone	8.37	43	50840	7.061	ug/L	96
49) Dibromochloromethane	8.48	129	14446	0.933	ug/L	94
50) 1,2-Dibromoethane	8.59	107	10270	0.868	ug/L	97
51) Chlorobenzene	9.12	112	42472	0.919	ug/L	97
52) Ethylbenzene	9.25	91	69081	0.899	ug/L	100
53) m,p-xylene	9.38	106	27157	0.924	ug/L	95
54) o-xylene	9.78	106	26483	0.939	ug/L	100
55) Styrene	9.79	104	42510	0.879	ug/L	100
56) Isopropylbenzene	10.16	105	69096	0.912	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	12967	0.818	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	8593	0.752	ug/L	99
61) Bromoform	9.96	173	9024	0.946	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	35557	0.929	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	36777	0.907	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	33931	0.911	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	2243	0.861	ug/L	93
67) 1,3,5-Trichlorobenzene	12.89	180	28764	0.896	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	23847	0.876	ug/L	98
69) Naphthalene	13.75	128	34043	0.787	ug/L	97
70) 1,2,3-Trichlorobenzene	13.99	180	21489	0.857	ug/L	95

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

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