

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021219\
 Data File : VU029414.D
 Acq On : 12 Feb 2019 12:34
 Operator : JC/SP
 Sample : VSTD00146
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00146

Quant Time: Feb 13 02:58:13 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	212484	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	195908	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	106162	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	13167	0.86	ug/L	0.00
7) Chloroethane-d5	1.68	69	11812	0.94	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	27710	0.89	ug/L	0.00
20) 2-Butanone-d5	4.21	46	27279	9.71	ug/L	0.00
24) Chloroform-d	4.65	84	19307	0.83	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	11293	0.92	ug/L	0.00
32) Benzene-d6	5.34	84	43388	0.91	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	12419	0.88	ug/L	0.00
41) Toluene-d8	7.56	98	42766	0.91	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	5516	0.85	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	25027	8.93	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	10839	0.91	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	18160	0.94	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	18741	1.087	ug/L 98
3) Chloromethane	1.32	50	17565	1.082	ug/L 99
5) Vinyl chloride	1.40	62	20181	1.100	ug/L 99
6) Bromomethane	1.63	94	11201	0.866	ug/L 98
8) Chloroethane	1.70	64	14819	1.276	ug/L 90
9) Trichlorofluoromethane	1.89	101	30545	1.084	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	18309	1.091	ug/L 99
12) 1,1-Dichloroethene	2.29	96	17351	1.098	ug/L 95
13) Acetone	2.34	43	26736	11.470	ug/L 96
14) Carbon disulfide	2.48	76	57778	1.087	ug/L 99
15) Methyl Acetate	2.63	43	7314	1.145	ug/L 97
16) Methylene chloride	2.70	84	19952	1.147	ug/L 93
17) Methyl tert-butyl Ether	3.00	73	44490	1.120	ug/L 99
18) trans-1,2-Dichloroethene	2.98	96	18668	1.090	ug/L 95
19) 1,1-Dichloroethane	3.44	63	31418	1.259	ug/L 94
21) 2-Butanone	4.29	43	32608	11.382	ug/L 98
22) cis-1,2-Dichloroethene	4.23	96	16586	1.076	ug/L 98
23) Bromochloromethane	4.55	128	7753	1.107	ug/L 96
25) Chloroform	4.68	83	29216	1.167	ug/L 98
27) 1,2-Dichloroethane	5.41	62	16197	1.108	ug/L 97
29) 1,1,1-Trichloroethane	4.91	97	24916	1.132	ug/L 98
30) Cyclohexane	4.99	56	24180	1.151	ug/L 100
31) Carbon tetrachloride	5.13	117	21524	1.068	ug/L 98
33) Benzene	5.39	78	58886	1.151	ug/L 100
34) Trichloroethene	6.18	95	16488	1.132	ug/L 98
35) Methylcyclohexane	6.41	83	27660	1.110	ug/L 99
37) 1,2-Dichloropropane	6.43	63	14789	1.137	ug/L 98
38) Bromodichloromethane	6.76	83	19305	1.095	ug/L # 99
39) cis-1,3-Dichloropropene	7.27	75	22181	1.063	ug/L 99
40) 4-Methyl-2-pentanone	7.47	43	84327	11.532	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	64512	1.106	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	18557	1.072	ug/L	96
45) 1,1,2-Trichloroethane	8.07	97	11227	1.113	ug/L	97
47) Tetrachloroethene	8.22	164	14766	1.092	ug/L	99
48) 2-Hexanone	8.37	43	60170	11.796	ug/L	98
49) Dibromochloromethane	8.48	129	14984	1.092	ug/L	96
50) 1,2-Dibromoethane	8.59	107	11090	1.132	ug/L	95
51) Chlorobenzene	9.12	112	45238	1.126	ug/L	96
52) Ethylbenzene	9.25	91	73842	1.114	ug/L	100
53) m,p-xylene	9.37	106	28664	1.085	ug/L	89
54) o-xylene	9.78	106	28279	1.097	ug/L	95
55) Styrene	9.79	104	45531	1.065	ug/L	99
56) Isopropylbenzene	10.16	105	74407	1.090	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	13611	1.102	ug/L	96
59) 1,2,3-Trichloropropane	10.49	75	9231	1.122	ug/L	100
61) Bromoform	9.96	173	8763	1.038	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	38308	1.145	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	38641	1.138	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	36046	1.149	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	2030	0.974	ug/L #	76
67) 1,3,5-Trichlorobenzene	12.89	180	30367	1.098	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	24712	1.029	ug/L	97
69) Naphthalene	13.74	128	42381	1.128	ug/L	97
70) 1,2,3-Trichlorobenzene	13.99	180	23884	1.095	ug/L	99

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

