

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041919\
 Data File : VU031300.D
 Acq On : 18 Apr 2019 11:47
 Operator : JC/SP
 Sample : VSTD01006
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01006

Quant Time: Apr 19 04:04:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 19 03:57:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	214856	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	213961	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	101810	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	243723	10.06	ug/L	0.00
7) Chloroethane-d5	1.68	69	193876	10.05	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	470058	9.89	ug/L	0.00
20) 2-Butanone-d5	4.22	46	490140	105.70	ug/L	0.00
24) Chloroform-d	4.64	84	310103	10.26	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	165656	10.13	ug/L	0.00
32) Benzene-d6	5.33	84	603382	10.12	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	192334	10.27	ug/L	0.00
41) Toluene-d8	7.56	98	547329	10.27	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	79340	10.58	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	380172	109.56	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	159635	10.16	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	196316	9.89	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	242512	9.812	ug/L 97
3) Chloromethane	1.32	50	310409	9.281	ug/L 99
5) Vinyl chloride	1.40	62	323104	9.483	ug/L 99
6) Bromomethane	1.63	94	175470	9.293	ug/L 99
8) Chloroethane	1.70	64	187659	9.657	ug/L 100
9) Trichlorofluoromethane	1.88	101	408796	9.539	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	222344	9.603	ug/L 98
12) 1,1-Dichloroethene	2.28	96	219689	9.527	ug/L 97
13) Acetone	2.35	43	470119	91.252	ug/L 100
14) Carbon disulfide	2.47	76	740761	9.621	ug/L 98
15) Methyl Acetate	2.62	43	122060	8.668	ug/L 98
16) Methylene chloride	2.69	84	240826	8.600	ug/L 99
17) Methyl tert-butyl Ether	3.00	73	600241	9.715	ug/L 100
18) trans-1,2-Dichloroethene	2.97	96	226019	9.291	ug/L 97
19) 1,1-Dichloroethane	3.44	63	317029	9.339	ug/L 99
21) 2-Butanone	4.30	43	522642	98.202	ug/L 96
22) cis-1,2-Dichloroethene	4.22	96	179830	9.561	ug/L 87
23) Bromochloromethane	4.54	128	81659	9.742	ug/L 97
25) Chloroform	4.67	83	320083	9.571	ug/L 99
27) 1,2-Dichloroethane	5.40	62	207103	9.604	ug/L 100
29) 1,1,1-Trichloroethane	4.91	97	269743	9.336	ug/L 97
30) Cyclohexane	4.99	56	289668	9.842	ug/L 98
31) Carbon tetrachloride	5.13	117	241397	9.356	ug/L 97
33) Benzene	5.38	78	690711	9.511	ug/L 100
34) Trichloroethene	6.18	95	179708	9.155	ug/L 97
35) Methylcyclohexane	6.41	83	264088	9.769	ug/L 97
37) 1,2-Dichloropropane	6.43	63	177675	9.281	ug/L 99
38) Bromodichloromethane	6.75	83	227878	9.540	ug/L 94
39) cis-1,3-Dichloropropene	7.27	75	258862	10.224	ug/L 94
40) 4-Methyl-2-pentanone	7.47	43	1229883	100.042	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.63	91	734316	10.028	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	213361	10.098	ug/L	97
45) 1,1,2-Trichloroethane	8.06	97	130334	9.555	ug/L	97
47) Tetrachloroethene	8.22	164	138689	9.482	ug/L	94
48) 2-Hexanone	8.37	43	883249	101.231	ug/L	99
49) Dibromochloromethane	8.47	129	157242	9.634	ug/L	100
50) 1,2-Dibromoethane	8.59	107	126009	9.753	ug/L	96
51) Chlorobenzene	9.12	112	438529	9.565	ug/L	98
52) Ethylbenzene	9.25	91	760885	10.060	ug/L	99
53) m,p-Xylene	9.37	106	282196	10.385	ug/L	98
54) o-Xylene	9.77	106	271428	10.136	ug/L	97
55) Styrene	9.79	104	475782	10.697	ug/L	99
56) Isopropylbenzene	10.16	105	728432	10.361	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	166171	9.530	ug/L	91
59) 1,2,3-Trichloropropane	10.49	75	116962	9.361	ug/L	98
61) Bromoform	9.96	173	91297	9.328	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	323140	9.651	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	326048	9.665	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	328739	9.646	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	25779	9.293	ug/L	87
67) 1,3,5-Trichlorobenzene	12.88	180	258527	9.400	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	202236	10.197	ug/L	98
69) Naphthalene	13.74	128	372611	10.762	ug/L	98
70) 1,2,3-Trichlorobenzene	13.98	180	204888	9.973	ug/L	96

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

