

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021919\
 Data File : VU029545.D
 Acq On : 19 Feb 2019 11:05
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00542

Quant Time: Feb 20 00:06:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Feb 19 00:19:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	218463	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	224457	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	123900	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55697	3.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.80%
7) Chloroethane-d5	1.68	69	54586	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.27	63	138987	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.20%
20) 2-Butanone-d5	4.19	46	153331	50.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.48%
24) Chloroform-d	4.64	84	109279	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.31	65	59090	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.33	84	228515	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.33	67	70103	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	7.56	98	228818	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.85	79	29269	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.31	63	155279	47.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	65815	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	105511	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	90717	4.741 ug/L	97
3) Chloromethane	1.32	50	79869	4.424 ug/L	98
5) Vinyl chloride	1.40	62	109091	5.185 ug/L	98
6) Bromomethane	1.63	94	56533	4.606 ug/L	98
8) Chloroethane	1.70	64	69957	5.106 ug/L	97
9) Trichlorofluoromethane	1.88	101	160854	4.995 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	99763	5.255 ug/L	96
12) 1,1-Dichloroethene	2.28	96	91226	5.074 ug/L	91
13) Acetone	2.32	43	144077	51.967 ug/L	97
14) Carbon disulfide	2.48	76	288453	4.869 ug/L	100
15) Methyl Acetate	2.62	43	39164	5.514 ug/L	96
16) Methylene chloride	2.70	84	101867	5.042 ug/L	97
17) Methyl tert-butyl Ether	3.00	73	232304	5.160 ug/L	97
18) trans-1,2-Dichloroethene	2.98	96	100570	5.246 ug/L	97
19) 1,1-Dichloroethane	3.44	63	162314	5.620 ug/L	97
21) 2-Butanone	4.27	43	187900	54.847 ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	89734	5.088 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	41279	5.185	ug/L	98
25) Chloroform	4.67	83	153093	5.298	ug/L	98
27) 1,2-Dichloroethane	5.40	62	90691	5.424	ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	126488	4.556	ug/L	98
30) Cyclohexane	4.99	56	122469	4.604	ug/L	100
31) Carbon tetrachloride	5.13	117	115237	4.594	ug/L	97
33) Benzene	5.39	78	313291	4.742	ug/L	100
34) Trichloroethene	6.18	95	87895	4.732	ug/L	98
35) Methylcyclohexane	6.41	83	145804	4.666	ug/L	99
37) 1,2-Dichloropropane	6.43	63	83122	5.023	ug/L	99
38) Bromodichloromethane	6.75	83	104705	4.788	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	125520	4.819	ug/L	97
40) 4-Methyl-2-pentanone	7.46	43	470442	49.318	ug/L	100
42) Toluene	7.63	91	368179	4.965	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	100224	4.686	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	63545	5.013	ug/L	98
47) Tetrachloroethene	8.22	164	83266	4.893	ug/L	99
48) 2-Hexanone	8.36	43	352965	50.770	ug/L	99
49) Dibromochloromethane	8.47	129	79916	4.678	ug/L	99
50) 1,2-Dibromoethane	8.58	107	61599	4.910	ug/L	94
51) Chlorobenzene	9.12	112	255622	5.012	ug/L	98
52) Ethylbenzene	9.25	91	421172	5.016	ug/L	100
53) m,p-xylene	9.37	106	164724	4.919	ug/L	100
54) o-xylene	9.78	106	163467	4.974	ug/L	99
55) Styrene	9.79	104	277098	5.079	ug/L	98
56) Isopropylbenzene	10.16	105	436417	5.035	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	80523	5.205	ug/L	94
59) 1,2,3-Trichloropropane	10.49	75	56071	5.282	ug/L	95
61) Bromoform	9.95	173	47238	4.504	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	217712	4.960	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	221062	5.043	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	210581	5.092	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	12072	4.666	ug/L	96
67) 1,3,5-Trichlorobenzene	12.88	180	180006	4.943	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	153736	5.012	ug/L	99
69) Naphthalene	13.74	128	249969	4.719	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	141793	4.835	ug/L	100

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

