

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070419\
 Data File : VU033166.D
 Acq On : 03 Jul 2019 12:19
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00512

Quant Time: Jul 04 01:16:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 03 02:14:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	88077	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	89825	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47238	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	23634	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.68	69	21322	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.27	63	57618	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.00%
20) 2-Butanone-d5	4.19	46	91084	49.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.14%
24) Chloroform-d	4.64	84	58856	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.30	65	31978	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.33	84	103475	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.32	67	34696	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.56	98	96944	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.85	79	13864	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.31	63	60340	47.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	29651	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	40771	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	45869	5.083	ug/L 100
3) Chloromethane	1.33	50	45588	5.243	ug/L 99
5) Vinyl chloride	1.40	62	44200	5.172	ug/L 97
6) Bromomethane	1.62	94	25135	5.130	ug/L 98
8) Chloroethane	1.69	64	25826	4.975	ug/L 97
9) Trichlorofluoromethane	1.88	101	64848	5.311	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	33349	5.254	ug/L 99
12) 1,1-Dichloroethene	2.28	96	29615	5.153	ug/L 93
13) Acetone	2.32	43	76712	51.412	ug/L 99
14) Carbon disulfide	2.47	76	95112	5.019	ug/L 99
15) Methyl Acetate	2.61	43	17985	5.084	ug/L 99
16) Methylene chloride	2.69	84	34106	5.048	ug/L 95
17) Methyl tert-butyl Ether	3.00	73	85180	5.114	ug/L 99
18) trans-1,2-Dichloroethene	2.97	96	32149	5.070	ug/L 98
19) 1,1-Dichloroethane	3.43	63	64427	5.061	ug/L 100
21) 2-Butanone	4.27	43	107325	49.727	ug/L 96
22) cis-1,2-Dichloroethene	4.22	96	35147	5.013	ug/L 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	16724	5.123	ug/L	98
25) Chloroform	4.66	83	68480	4.864	ug/L	100
27) 1,2-Dichloroethane	5.40	62	45190	4.957	ug/L	98
29) 1,1,1-Trichloroethane	4.90	97	57847	4.999	ug/L	99
30) Cyclohexane	4.98	56	51429	4.868	ug/L	99
31) Carbon tetrachloride	5.12	117	52237	5.043	ug/L	98
33) Benzene	5.38	78	135009	5.101	ug/L	100
34) Trichloroethene	6.18	95	36952	5.117	ug/L	98
35) Methylcyclohexane	6.41	83	54081	5.035	ug/L	99
37) 1,2-Dichloropropane	6.43	63	37292	5.121	ug/L	100
38) Bromodichloromethane	6.75	83	47788	5.029	ug/L	94
39) cis-1,3-Dichloropropene	7.26	75	51893	5.052	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	252447	49.935	ug/L	99
42) Toluene	7.63	91	146943	5.156	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	43785	5.118	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	25642	5.022	ug/L	98
47) Tetrachloroethene	8.22	164	30532	5.090	ug/L	95
48) 2-Hexanone	8.36	43	187979	51.258	ug/L	99
49) Dibromochloromethane	8.47	129	32256	5.050	ug/L	98
50) 1,2-Dibromoethane	8.58	107	25410	5.201	ug/L	100
51) Chlorobenzene	9.11	112	96439	5.134	ug/L	99
52) Ethylbenzene	9.24	91	155423	4.978	ug/L	99
53) m,p-Xylene	9.37	106	59868	5.251	ug/L	97
54) o-Xylene	9.77	106	57108	5.134	ug/L	96
55) Styrene	9.79	104	98285	5.237	ug/L	99
56) Isopropylbenzene	10.16	105	155717	5.203	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	33209	5.123	ug/L	95
59) 1,2,3-Trichloropropane	10.49	75	23970	4.838	ug/L	100
61) Bromoform	9.95	173	18356	5.140	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	76426	5.153	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	77558	5.035	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	75229	5.184	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	5097	5.114	ug/L	93
67) 1,3,5-Trichlorobenzene	12.88	180	60486	5.213	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	42900	5.195	ug/L	98
69) Naphthalene	13.74	128	59680	4.933	ug/L	97
70) 1,2,3-Trichlorobenzene	13.98	180	39568	5.040	ug/L	98

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

