

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU060519\
 Data File : VU032449.D
 Acq On : 05 Jun 2019 09:01
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00521

Quant Time: Jun 06 01:05:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 04 22:54:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	103395	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	97002	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	50797	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	31225	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.68	69	27226	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.27	63	62136	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.20%
20) 2-Butanone-d5	4.19	46	96407	51.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.78%
24) Chloroform-d	4.64	84	57846	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.31	65	29749	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.33	84	112980	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.32	67	35420	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.56	98	103652	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	7.85	79	15347	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.31	63	76380	47.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	30387	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	43220	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	43826	4.940	ug/L 99
3) Chloromethane	1.32	50	43501	4.728	ug/L 100
5) Vinyl chloride	1.40	62	45168	4.994	ug/L 99
6) Bromomethane	1.63	94	26430	4.791	ug/L 99
8) Chloroethane	1.69	64	29057	5.029	ug/L 99
9) Trichlorofluoromethane	1.88	101	62349	4.817	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	33285	4.837	ug/L 98
12) 1,1-Dichloroethene	2.28	96	31597	4.810	ug/L 96
13) Acetone	2.33	43	70386	48.338	ug/L 99
14) Carbon disulfide	2.47	76	100823	4.792	ug/L 100
15) Methyl Acetate	2.62	43	18049	4.517	ug/L 100
16) Methylene chloride	2.69	84	34401	4.722	ug/L 98
17) Methyl tert-butyl Ether	3.00	73	93765	4.880	ug/L 99
18) trans-1,2-Dichloroethene	2.97	96	34088	4.809	ug/L 96
19) 1,1-Dichloroethane	3.44	63	62779	4.948	ug/L 98
21) 2-Butanone	4.28	43	106559	50.315	ug/L 99
22) cis-1,2-Dichloroethene	4.22	96	38816	4.839	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	17741	5.139	ug/L	97
25) Chloroform	4.67	83	64282	4.960	ug/L	97
27) 1,2-Dichloroethane	5.40	62	41951	4.925	ug/L	100
29) 1,1,1-Trichloroethane	4.91	97	58184	4.922	ug/L	99
30) Cyclohexane	4.98	56	60062	4.808	ug/L	99
31) Carbon tetrachloride	5.12	117	52951	4.927	ug/L	98
33) Benzene	5.38	78	141370	4.943	ug/L	100
34) Trichloroethene	6.18	95	39182	4.763	ug/L	96
35) Methylcyclohexane	6.41	83	65343	4.939	ug/L	99
37) 1,2-Dichloropropane	6.43	63	36110	4.880	ug/L	100
38) Bromodichloromethane	6.75	83	45805	4.816	ug/L	99
39) cis-1,3-Dichloropropene	7.26	75	57502	5.062	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	262416	49.833	ug/L	100
42) Toluene	7.63	91	154593	4.850	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	44607	4.918	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	26337	4.892	ug/L	96
47) Tetrachloroethene	8.22	164	33236	5.134	ug/L	96
48) 2-Hexanone	8.36	43	184239	48.959	ug/L	98
49) Dibromochloromethane	8.47	129	34832	5.058	ug/L	99
50) 1,2-Dibromoethane	8.58	107	26636	4.965	ug/L	97
51) Chlorobenzene	9.11	112	100727	5.040	ug/L	99
52) Ethylbenzene	9.24	91	173659	4.944	ug/L	100
53) m,p-Xylene	9.37	106	67159	5.043	ug/L	97
54) o-Xylene	9.77	106	65485	4.927	ug/L	97
55) Styrene	9.79	104	109927	5.027	ug/L	97
56) Isopropylbenzene	10.16	105	174842	4.987	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	32727	4.753	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	24195	4.979	ug/L	99
61) Bromoform	9.95	173	19861	4.866	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	83185	5.016	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	83450	4.950	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	80597	5.030	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	5458	4.851	ug/L	96
67) 1,3,5-Trichlorobenzene	12.88	180	68402	5.147	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	58560	5.465	ug/L	99
69) Naphthalene	13.74	128	98995	5.270	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	53846	5.046	ug/L	99

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

