

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052219\
 Data File : VU032245.D
 Acq On : 23 May 2019 01:00
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00511

Quant Time: May 23 01:54:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 23 01:46:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	389416	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	397939	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	175762	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	95304	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	1.68	69	92879	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.27	63	180945	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.80%
20) 2-Butanone-d5	4.20	46	298600	48.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.80%
24) Chloroform-d	4.64	84	262355	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.31	65	141693	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.33	84	508917	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.33	67	169449	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.56	98	509434	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.85	79	63529	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.31	63	270788	51.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	171227	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	230675	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	79794	4.793	ug/L 100
3) Chloromethane	1.32	50	79357	4.754	ug/L 98
5) Vinyl chloride	1.40	62	85569	5.077	ug/L 97
6) Bromomethane	1.63	94	53406	5.001	ug/L 100
8) Chloroethane	1.70	64	47594	4.448	ug/L 99
9) Trichlorofluoromethane	1.88	101	107850	4.936	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	68045	4.935	ug/L 98
12) 1,1-Dichloroethene	2.28	96	67218	4.850	ug/L 92
13) Acetone	2.34	43	89711	46.938	ug/L 95
14) Carbon disulfide	2.47	76	208023	4.845	ug/L 99
15) Methyl Acetate	2.62	43	25454	4.539	ug/L 91
16) Methylene chloride	2.69	84	70824	3.831	ug/L 96
17) Methyl tert-butyl Ether	3.00	73	158496	5.073	ug/L 98
18) trans-1,2-Dichloroethene	2.98	96	72935	4.903	ug/L 94
19) 1,1-Dichloroethane	3.44	63	115986	5.049	ug/L 99
21) 2-Butanone	4.29	43	146506	50.811	ug/L 98
22) cis-1,2-Dichloroethene	4.22	96	71901	4.952	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	33542	5.227	ug/L	95
25) Chloroform	4.67	83	126240	5.088	ug/L	97
27) 1,2-Dichloroethane	5.40	62	71459	4.949	ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	101700	4.924	ug/L	99
30) Cyclohexane	4.98	56	87753	4.545	ug/L	96
31) Carbon tetrachloride	5.13	117	87606	4.815	ug/L	98
33) Benzene	5.39	78	270541	5.026	ug/L	100
34) Trichloroethene	6.18	95	68794	4.762	ug/L	96
35) Methylcyclohexane	6.41	83	94022	4.418	ug/L	99
37) 1,2-Dichloropropane	6.43	63	62168	4.797	ug/L	99
38) Bromodichloromethane	6.76	83	82682	4.909	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	83322	4.515	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	323683	49.408	ug/L	98
42) Toluene	7.63	91	294466	5.148	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	69766	4.811	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	49400	4.936	ug/L	96
47) Tetrachloroethene	8.22	164	62921	5.276	ug/L	95
48) 2-Hexanone	8.36	43	262161	52.173	ug/L	99
49) Dibromochloromethane	8.47	129	58883	5.169	ug/L	99
50) 1,2-Dibromoethane	8.58	107	47557	5.040	ug/L	96
51) Chlorobenzene	9.12	112	181920	4.970	ug/L	99
52) Ethylbenzene	9.25	91	278618	4.839	ug/L	95
53) m,p-Xylene	9.37	106	105136	4.911	ug/L	100
54) o-Xylene	9.78	106	105835	4.947	ug/L	95
55) Styrene	9.79	104	179293	5.009	ug/L	99
56) Isopropylbenzene	10.16	105	264950	4.899	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	59704	4.953	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	41040	4.862	ug/L	94
61) Bromoform	9.95	173	32627	5.183	ug/L	95
62) 1,3-Dichlorobenzene	11.41	146	128566	4.951	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	135327	4.969	ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	136028	5.164	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.65	75	8950	5.262	ug/L	89
67) 1,3,5-Trichlorobenzene	12.88	180	102741	5.199	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	71360	5.121	ug/L	99
69) Naphthalene	13.74	128	101068	4.741	ug/L	97
70) 1,2,3-Trichlorobenzene	13.99	180	71518	4.849	ug/L	96

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

