

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101219\
 Data File : VU035115.D
 Acq On : 12 Oct 2019 02:03
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00516

Quant Time: Oct 12 02:50:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 12 02:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	151270	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	157069	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	77433	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	45286	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	1.68	69	43385	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.26	63	97652	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.60%
20) 2-Butanone-d5	4.17	46	152635	57.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.92%
24) Chloroform-d	4.62	84	91697	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
26) 1,2-Dichloroethane-d4	5.29	65	51709	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.32	84	176316	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.31	67	61964	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.54	98	170197	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	7.83	79	21232	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.30	63	115937	55.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.02%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57182	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	62422	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	71217	5.152 ug/L	98
3) Chloromethane	1.32	50	76020	5.013 ug/L	99
5) Vinyl chloride	1.40	62	77092	5.175 ug/L	99
6) Bromomethane	1.62	94	40530	4.895 ug/L	96
8) Chloroethane	1.69	64	47252	5.289 ug/L	98
9) Trichlorofluoromethane	1.88	101	98595	5.473 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	54735	5.291 ug/L	96
12) 1,1-Dichloroethene	2.27	96	50989	5.248 ug/L	84
13) Acetone	2.31	43	118103	54.761 ug/L	94
14) Carbon disulfide	2.47	76	160532	4.965 ug/L	100
15) Methyl Acetate	2.60	43	32308	5.627 ug/L	96
16) Methylene chloride	2.68	84	62019	5.156 ug/L	84
17) Methyl tert-butyl Ether	2.98	73	147672	5.571 ug/L	97
18) trans-1,2-Dichloroethene	2.96	96	52728	5.068 ug/L	92
19) 1,1-Dichloroethane	3.42	63	115904	5.605 ug/L	99
21) 2-Butanone	4.25	43	166035	54.060 ug/L	93
22) cis-1,2-Dichloroethene	4.20	96	59388	5.117 ug/L	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	26852	5.521	ug/L	93
25) Chloroform	4.65	83	117018	5.037	ug/L	97
27) 1,2-Dichloroethane	5.39	62	73385	5.408	ug/L	100
29) 1,1,1-Trichloroethane	4.89	97	91973	5.213	ug/L	97
30) Cyclohexane	4.97	56	89978	4.639	ug/L	95
31) Carbon tetrachloride	5.11	117	80462	5.260	ug/L	97
33) Benzene	5.37	78	239201	5.056	ug/L	100
34) Trichloroethene	6.16	95	61410	5.033	ug/L	97
35) Methylcyclohexane	6.39	83	86675	4.386	ug/L	93
37) 1,2-Dichloropropane	6.41	63	67423	5.283	ug/L	99
38) Bromodichloromethane	6.74	83	80204	5.361	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	80950	4.682	ug/L	100
40) 4-Methyl-2-pentanone	7.44	43	433376	53.953	ug/L	94
42) Toluene	7.62	91	264785	5.361	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	67187	5.017	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	45329	5.349	ug/L	94
47) Tetrachloroethene	8.21	164	48836	4.945	ug/L	94
48) 2-Hexanone	8.35	43	305894	55.543	ug/L	94
49) Dibromochloromethane	8.46	129	53212	5.433	ug/L	94
50) 1,2-Dibromoethane	8.57	107	43295	5.346	ug/L	98
51) Chlorobenzene	9.10	112	165565	5.173	ug/L	98
52) Ethylbenzene	9.23	91	278190	5.100	ug/L	99
53) m,p-Xylene	9.36	106	103297	5.127	ug/L	96
54) o-Xylene	9.76	106	102626	5.208	ug/L	94
55) Styrene	9.77	104	173173	5.427	ug/L	100
56) Isopropylbenzene	10.15	105	268807	5.121	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.44	83	63549	5.514	ug/L	100
59) 1,2,3-Trichloropropane	10.48	75	44854	5.430	ug/L	98
61) Bromoform	9.94	173	29937	5.637	ug/L	98
62) 1,3-Dichlorobenzene	11.40	146	123807	5.190	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	123967	5.149	ug/L	98
65) 1,2-Dichlorobenzene	11.86	146	120494	5.235	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.64	75	7522	5.142	ug/L	96
67) 1,3,5-Trichlorobenzene	12.87	180	77747	4.813	ug/L	97
68) 1,2,4-trichlorobenzene	13.49	180	52847	4.381	ug/L	97
69) Naphthalene	13.72	128	81392	4.339	ug/L	99
70) 1,2,3-Trichlorobenzene	13.96	180	55852	4.761	ug/L	99

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

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