

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112219\
 Data File : VU035823.D
 Acq On : 22 Nov 2019 16:53
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00530

Quant Time: Nov 23 00:17:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 23 00:14:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	257352	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	289481	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	140131	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	134001	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.93	69	122939	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.59	63	245106	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.40%
20) 2-Butanone-d5	4.68	46	363944	46.78	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.56%
24) Chloroform-d	5.11	84	258314	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.75	65	140635	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.77	84	481033	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.73	67	161816	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.93	98	447104	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	8.21	79	63868	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.67	63	270685	46.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.02%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	135480	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	127456	4.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	173855	4.986	ug/L 100
3) Chloromethane	1.54	50	217489	5.066	ug/L 100
5) Vinyl chloride	1.62	62	214306	4.987	ug/L 99
6) Bromomethane	1.87	94	103450	4.684	ug/L 97
8) Chloroethane	1.95	64	126231	5.077	ug/L 98
9) Trichlorofluoromethane	2.16	101	251124	5.032	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	138557	4.888	ug/L 95
12) 1,1-Dichloroethene	2.61	96	124361	4.644	ug/L 92
13) Acetone	2.66	43	272496	39.879	ug/L 99
14) Carbon disulfide	2.82	76	413943	4.654	ug/L 100
15) Methyl Acetate	2.99	43	68611	5.008	ug/L 98
16) Methylene chloride	3.08	84	159035	4.916	ug/L 98
17) Methyl tert-butyl Ether	3.42	73	313263	4.835	ug/L 100
18) trans-1,2-Dichloroethene	3.39	96	133153	5.050	ug/L 99
19) 1,1-Dichloroethane	3.92	63	296638	5.007	ug/L 97
21) 2-Butanone	4.76	43	441519	51.063	ug/L 100
22) cis-1,2-Dichloroethene	4.72	96	146560	4.988	ug/L 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	65886	5.147	ug/L	94
25) Chloroform	5.13	83	315022	5.464	ug/L	97
27) 1,2-Dichloroethane	5.84	62	190290	5.019	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	233768	5.001	ug/L	100
30) Cyclohexane	5.43	56	227175	4.973	ug/L	98
31) Carbon tetrachloride	5.57	117	198807	4.911	ug/L	99
33) Benzene	5.82	78	618017	5.114	ug/L	100
34) Trichloroethene	6.58	95	146482	4.944	ug/L	99
35) Methylcyclohexane	6.80	83	208801	4.802	ug/L	98
37) 1,2-Dichloropropane	6.83	63	172587	5.036	ug/L	100
38) Bromodichloromethane	7.14	83	206855	5.036	ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	214727	4.840	ug/L	99
40) 4-Methyl-2-pentanone	7.83	43	1044872	49.660	ug/L	98
42) Toluene	8.00	91	657538	5.231	ug/L	97
44) trans-1,3-Dichloropropene	8.24	75	189048	5.139	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	110515	4.949	ug/L	99
47) Tetrachloroethene	8.58	164	108623	4.818	ug/L	98
48) 2-Hexanone	8.73	43	761847	49.182	ug/L	96
49) Dibromochloromethane	8.84	129	129998	4.934	ug/L	99
50) 1,2-Dibromoethane	8.96	107	99622	4.875	ug/L	96
51) Chlorobenzene	9.48	112	377855	4.853	ug/L	97
52) Ethylbenzene	9.60	91	636412	4.896	ug/L	99
53) m,p-Xylene	9.72	106	236690	5.165	ug/L	96
54) o-Xylene	10.13	106	222559	5.001	ug/L	95
55) Styrene	10.14	104	379483	5.141	ug/L	99
56) Isopropylbenzene	10.51	105	591188	5.029	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	148018	4.790	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	104167	4.675	ug/L	99
61) Bromoform	10.32	173	70076	4.977	ug/L	96
62) 1,3-Dichlorobenzene	11.77	146	247131	4.914	ug/L	96
63) 1,4-Dichlorobenzene	11.86	146	237161	4.790	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	232028	4.835	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	15423	3.884	ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	125937	4.167	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	52406	3.017	ug/L	99
69) Naphthalene	14.11	128	56998	2.330	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	51906	3.073	ug/L	98

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

