

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121119\
 Data File : VU036146.D
 Acq On : 11 Dec 2019 21:05
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00509

Quant Time: Dec 12 06:17:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 12 06:08:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	330302	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	337209	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	164138	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	184342	6.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	125.20%
7) Chloroethane-d5	1.93	69	165255	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.59	63	234188	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.00%
20) 2-Butanone-d5	4.69	46	316721	63.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.26%
24) Chloroform-d	5.11	84	254036	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.75	65	126279	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.77	84	499979	5.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.20%
36) 1,2-Dichloropropane-d6	6.73	67	151252	5.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.60%
41) Toluene-d8	7.93	98	477964	6.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.40%
43) trans-1,3-Dichloropropene-	8.21	79	62072	5.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	115.80%
46) 2-Hexanone-d5	8.67	63	270027	69.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	139.12%#
57) 1,1,2,2-Tetrachloroethane-	10.78	84	140171	5.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	164779	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	152844	4.707 ug/L	99
3) Chloromethane	1.54	50	189304	5.971 ug/L	100
5) Vinyl chloride	1.62	62	202876	6.134 ug/L	98
6) Bromomethane	1.87	94	120391	4.530 ug/L	98
8) Chloroethane	1.95	64	127556	5.069 ug/L	96
9) Trichlorofluoromethane	2.15	101	255983	4.445 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	125167	3.917 ug/L	97
12) 1,1-Dichloroethene	2.60	96	113807	3.960 ug/L #	80
13) Acetone	2.68	43	218927	34.378 ug/L	100
14) Carbon disulfide	2.82	76	352818	4.286 ug/L	98
15) Methyl Acetate	3.00	43	54074	5.751 ug/L	97
16) Methylene chloride	3.08	84	142274	4.263 ug/L	95
17) Methyl tert-butyl Ether	3.42	73	255381	5.162 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	117608	4.795 ug/L	97
19) 1,1-Dichloroethane	3.92	63	227328	5.164 ug/L	99
21) 2-Butanone	4.77	43	339345	53.239 ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	128288	4.983 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	65625	4.931	ug/L	92
25) Chloroform	5.14	83	242046	4.934	ug/L	95
27) 1,2-Dichloroethane	5.84	62	147687	5.095	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	200748	5.282	ug/L	99
30) Cyclohexane	5.43	56	165041	5.531	ug/L	96
31) Carbon tetrachloride	5.56	117	178409	5.191	ug/L	100
33) Benzene	5.82	78	521280	5.656	ug/L	100
34) Trichloroethene	6.58	95	128032	5.232	ug/L	95
35) Methylcyclohexane	6.80	83	172095	5.242	ug/L	97
37) 1,2-Dichloropropane	6.83	63	135181	5.847	ug/L	100
38) Bromodichloromethane	7.14	83	170534	5.488	ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	175611	5.589	ug/L	96
40) 4-Methyl-2-pentanone	7.83	43	778023	64.432	ug/L	99
42) Toluene	8.00	91	568034	5.747	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	155639	5.730	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	103769	5.701	ug/L	98
47) Tetrachloroethene	8.58	164	110323	4.742	ug/L	99
48) 2-Hexanone	8.73	43	595927	68.794	ug/L	99
49) Dibromochloromethane	8.84	129	124720	5.162	ug/L	99
50) 1,2-Dibromoethane	8.96	107	98063	5.572	ug/L	95
51) Chlorobenzene	9.48	112	351217	5.099	ug/L	97
52) Ethylbenzene	9.60	91	524304	5.063	ug/L	99
53) m,p-Xylene	9.72	106	208359	5.053	ug/L	99
54) o-Xylene	10.13	106	200301	5.173	ug/L	95
55) Styrene	10.14	104	349682	5.267	ug/L	99
56) Isopropylbenzene	10.51	105	511607	5.008	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	132191	5.494	ug/L	96
59) 1,2,3-Trichloropropane	10.85	75	95941	5.806	ug/L	98
61) Bromoform	10.32	173	76009	4.653	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	263613	4.910	ug/L	96
63) 1,4-Dichlorobenzene	11.86	146	258710	4.891	ug/L	100
65) 1,2-Dichlorobenzene	12.24	146	261730	4.934	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	18021	5.407	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	167801	4.613	ug/L	97
68) 1,2,4-trichlorobenzene	13.86	180	85702	4.437	ug/L	97
69) Naphthalene	14.11	128	78752	4.236	ug/L	97
70) 1,2,3-Trichlorobenzene	14.35	180	82907	4.476	ug/L	99

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

