

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121019\
 Data File : VU036073.D
 Acq On : 10 Dec 2019 09:59
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00528

Quant Time: Dec 11 06:25:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 10 01:47:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	256723	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	270247	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	139118	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	124860	5.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.20%
7) Chloroethane-d5	1.93	69	126269	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.59	63	193802	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.60%
20) 2-Butanone-d5	4.70	46	185467	47.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.14%
24) Chloroform-d	5.11	84	181472	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.75	65	89308	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.77	84	351362	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.73	67	101996	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.93	98	336445	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
43) trans-1,3-Dichloropropene-	8.21	79	44862	5.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.40%
46) 2-Hexanone-d5	8.67	63	155015	49.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.66%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	87668	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	127708	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	127478	5.051 ug/L	97
3) Chloromethane	1.54	50	110169	4.471 ug/L	98
5) Vinyl chloride	1.62	62	151353	5.888 ug/L	98
6) Bromomethane	1.87	94	95490	4.622 ug/L	97
8) Chloroethane	1.95	64	108868	5.566 ug/L	99
9) Trichlorofluoromethane	2.16	101	238012	5.318 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	114875	4.625 ug/L	98
12) 1,1-Dichloroethene	2.60	96	104939	4.698 ug/L	83
13) Acetone	2.68	43	193900	39.175 ug/L	97
14) Carbon disulfide	2.82	76	321019	5.017 ug/L	99
15) Methyl Acetate	3.00	43	37883	5.184 ug/L	99
16) Methylene chloride	3.08	84	121029	4.666 ug/L	93
17) Methyl tert-butyl Ether	3.41	73	215752	5.611 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	107883	5.659 ug/L	94
19) 1,1-Dichloroethane	3.92	63	169577	4.956 ug/L	96
21) 2-Butanone	4.77	43	221200	44.650 ug/L	100
22) cis-1,2-Dichloroethene	4.72	96	101636	5.080 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	52262	5.052	ug/L	94
25) Chloroform	5.13	83	187691	4.922	ug/L	97
27) 1,2-Dichloroethane	5.84	62	112064	4.974	ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	162145	5.323	ug/L	100
30) Cyclohexane	5.43	56	123409	5.160	ug/L	98
31) Carbon tetrachloride	5.57	117	152006	5.519	ug/L	98
33) Benzene	5.82	78	408642	5.533	ug/L	100
34) Trichloroethene	6.58	95	102042	5.203	ug/L	99
35) Methylcyclohexane	6.80	83	141272	5.369	ug/L	99
37) 1,2-Dichloropropane	6.83	63	99422	5.366	ug/L	99
38) Bromodichloromethane	7.14	83	130960	5.259	ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	133786	5.313	ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	505997	52.287	ug/L	99
42) Toluene	8.00	91	442371	5.585	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	114329	5.252	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	75656	5.187	ug/L	96
47) Tetrachloroethene	8.58	164	97487	5.229	ug/L	99
48) 2-Hexanone	8.73	43	372966	53.724	ug/L	94
49) Dibromochloromethane	8.84	129	99850	5.157	ug/L	100
50) 1,2-Dibromoethane	8.96	107	74754	5.300	ug/L	97
51) Chlorobenzene	9.47	112	284093	5.146	ug/L	98
52) Ethylbenzene	9.60	91	424314	5.113	ug/L	98
53) m,p-Xylene	9.72	106	172648	5.225	ug/L	100
54) o-Xylene	10.13	106	164040	5.286	ug/L	99
55) Styrene	10.14	104	283094	5.320	ug/L	100
56) Isopropylbenzene	10.51	105	423416	5.172	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	95528	4.954	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	68464	5.170	ug/L	95
61) Bromoform	10.32	173	62260	4.497	ug/L	98
62) 1,3-Dichlorobenzene	11.77	146	235396	5.173	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	226939	5.062	ug/L	97
65) 1,2-Dichlorobenzene	12.24	146	221413	4.924	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	12724	4.504	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	162811	5.281	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	84631	5.169	ug/L	96
69) Naphthalene	14.11	128	69059	4.383	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	82151	5.233	ug/L	99

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

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