

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120419\
 Data File : VU035985.D
 Acq On : 04 Dec 2019 21:04
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00521

Quant Time: Dec 05 04:01:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 05 03:54:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	304414	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	327955	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	162082	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	139807	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.93	69	123095	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.59	63	215379	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.40%
20) 2-Butanone-d5	4.69	46	280190	45.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.20%
24) Chloroform-d	5.11	84	224684	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.75	65	115509	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.77	84	432196	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	6.73	67	133990	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.20%
41) Toluene-d8	7.93	98	404032	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	8.21	79	54807	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.67	63	236022	47.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.48%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	121467	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	146163	4.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	159119	5.048	ug/L 99
3) Chloromethane	1.54	50	171573	4.766	ug/L 100
5) Vinyl chloride	1.62	62	182073	5.007	ug/L 98
6) Bromomethane	1.87	94	108537	5.205	ug/L 98
8) Chloroethane	1.95	64	107974	4.788	ug/L 99
9) Trichlorofluoromethane	2.16	101	225131	5.273	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	122133	5.220	ug/L 95
12) 1,1-Dichloroethene	2.61	96	112709	5.166	ug/L 89
13) Acetone	2.68	43	229726	41.350	ug/L 100
14) Carbon disulfide	2.82	76	378964	4.959	ug/L 98
15) Methyl Acetate	3.00	43	48147	4.835	ug/L 98
16) Methylene chloride	3.08	84	143074	4.234	ug/L 96
17) Methyl tert-butyl Ether	3.42	73	255124	4.992	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	119013	5.152	ug/L 96
19) 1,1-Dichloroethane	3.92	63	231912	5.135	ug/L 99
21) 2-Butanone	4.77	43	333917	46.820	ug/L 95
22) cis-1,2-Dichloroethene	4.72	96	127037	5.205	ug/L 89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	62233	5.570	ug/L	93
25) Chloroform	5.14	83	241082	5.291	ug/L	98
27) 1,2-Dichloroethane	5.84	62	147422	5.062	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	199363	5.026	ug/L	98
30) Cyclohexane	5.43	56	174345	4.451	ug/L	98
31) Carbon tetrachloride	5.57	117	178624	5.080	ug/L	100
33) Benzene	5.82	78	521944	5.061	ug/L	100
34) Trichloroethene	6.58	95	132917	5.096	ug/L	96
35) Methylcyclohexane	6.80	83	176602	4.516	ug/L	98
37) 1,2-Dichloropropane	6.83	63	135170	4.840	ug/L	100
38) Bromodichloromethane	7.14	83	167808	5.021	ug/L	95
39) cis-1,3-Dichloropropene	7.65	75	173992	4.696	ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	755442	46.027	ug/L	98
42) Toluene	8.00	91	563083	5.227	ug/L	99
44) trans-1,3-Dichloropropene	8.25	75	151536	4.783	ug/L	99
45) 1,1,2-Trichloroethane	8.44	97	98579	5.185	ug/L	99
47) Tetrachloroethene	8.58	164	108381	5.113	ug/L	97
48) 2-Hexanone	8.73	43	589675	48.638	ug/L	98
49) Dibromochloromethane	8.84	129	118968	5.132	ug/L	97
50) 1,2-Dibromoethane	8.96	107	93657	5.077	ug/L	96
51) Chlorobenzene	9.48	112	341990	5.084	ug/L	98
52) Ethylbenzene	9.60	91	534419	4.907	ug/L	97
53) m,p-Xylene	9.72	106	208782	5.079	ug/L	95
54) o-Xylene	10.13	106	199011	5.159	ug/L	92
55) Styrene	10.14	104	349191	5.383	ug/L	100
56) Isopropylbenzene	10.51	105	517683	5.119	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	120963	4.741	ug/L	96
59) 1,2,3-Trichloropropane	10.85	75	90800	5.002	ug/L	95
61) Bromoform	10.32	173	70537	4.712	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	264194	4.901	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	257081	4.805	ug/L	97
65) 1,2-Dichlorobenzene	12.24	146	251054	4.873	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	17194	4.284	ug/L #	83
67) 1,3,5-Trichlorobenzene	13.24	180	170379	4.630	ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	85404	4.331	ug/L	98
69) Naphthalene	14.11	128	73616	3.278	ug/L	98
70) 1,2,3-Trichlorobenzene	14.35	180	84227	4.313	ug/L	97

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

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