

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120619\
 Data File : VU036036.D
 Acq On : 06 Dec 2019 20:41
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00525

Quant Time: Dec 06 22:38:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 06 22:30:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	314839	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	319689	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	161204	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	143530	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.93	69	147169	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.59	63	216269	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.00%
20) 2-Butanone-d5	4.69	46	301497	47.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.88%
24) Chloroform-d	5.11	84	227482	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.75	65	115992	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.77	84	456071	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.73	67	133306	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.93	98	439163	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	8.21	79	58655	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.67	63	262178	53.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.66%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	124228	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	157632	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	166033	5.093	ug/L	98
3) Chloromethane	1.54	50	159791	4.291	ug/L	100
5) Vinyl chloride	1.62	62	164510	4.374	ug/L	99
6) Bromomethane	1.87	94	117783	5.462	ug/L	99
8) Chloroethane	1.95	64	120751	5.178	ug/L	99
9) Trichlorofluoromethane	2.16	101	265707	6.017	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	119989	4.959	ug/L	93
12) 1,1-Dichloroethene	2.60	96	113472	5.029	ug/L	92
13) Acetone	2.68	43	202582	35.257	ug/L	97
14) Carbon disulfide	2.82	76	368357	4.661	ug/L	100
15) Methyl Acetate	3.00	43	49404	4.797	ug/L	99
16) Methylene chloride	3.08	84	134246	3.841	ug/L	90
17) Methyl tert-butyl Ether	3.42	73	259480	4.909	ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	115222	4.823	ug/L	91
19) 1,1-Dichloroethane	3.92	63	213169	4.564	ug/L	98
21) 2-Butanone	4.77	43	333151	45.166	ug/L	91
22) cis-1,2-Dichloroethene	4.72	96	126298	5.004	ug/L	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	5.02	128	63876	5.528	ug/L #	84
25) Chloroform	5.13	83	230358	4.888	ug/L	99
27) 1,2-Dichloroethane	5.84	62	139957	4.646	ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	195338	5.052	ug/L	96
30) Cyclohexane	5.43	56	168712	4.418	ug/L	92
31) Carbon tetrachloride	5.57	117	175958	5.133	ug/L	100
33) Benzene	5.82	78	500557	4.979	ug/L	100
34) Trichloroethene	6.58	95	130973	5.152	ug/L	91
35) Methylcyclohexane	6.80	83	181748	4.768	ug/L	94
37) 1,2-Dichloropropane	6.83	63	124454	4.572	ug/L	100
38) Bromodichloromethane	7.14	83	160399	4.923	ug/L	97
39) cis-1,3-Dichloropropene	7.64	75	170360	4.717	ug/L	98
40) 4-Methyl-2-pentanone	7.84	43	767852	47.993	ug/L	96
42) Toluene	8.00	91	550475	5.242	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	148263	4.801	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	98353	5.307	ug/L	95
47) Tetrachloroethene	8.58	164	120358	5.825	ug/L	95
48) 2-Hexanone	8.73	43	585340	49.529	ug/L #	95
49) Dibromochloromethane	8.84	129	121182	5.362	ug/L	96
50) 1,2-Dibromoethane	8.96	107	94267	5.242	ug/L	95
51) Chlorobenzene	9.48	112	338807	5.167	ug/L	98
52) Ethylbenzene	9.60	91	525801	4.953	ug/L	97
53) m,p-Xylene	9.72	106	205352	5.125	ug/L	94
54) o-Xylene	10.13	106	200732	5.338	ug/L	93
55) Styrene	10.14	104	342993	5.424	ug/L	98
56) Isopropylbenzene	10.51	105	512420	5.198	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	122730	4.935	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	93144	5.264	ug/L	97
61) Bromoform	10.32	173	74064	4.974	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	263598	4.916	ug/L	95
63) 1,4-Dichlorobenzene	11.86	146	266359	5.005	ug/L	96
65) 1,2-Dichlorobenzene	12.24	146	255845	4.993	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	17448	4.371	ug/L #	74
67) 1,3,5-Trichlorobenzene	13.24	180	179215	4.897	ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	92997	4.742	ug/L	98
69) Naphthalene	14.11	128	87225	3.906	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	91410	4.707	ug/L	98

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

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