

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120619\
 Data File : VU036019.D
 Acq On : 06 Dec 2019 13:11
 Operator : JC/SP
 Sample : K6132-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQW1

Quant Time: Dec 06 23:20:07 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	294495	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	302338	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	130229	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	115464	3.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.80%
7) Chloroethane-d5	1.93	69	120107	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.59	63	143322	2.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.40%#
20) 2-Butanone-d5	4.70	46	269262	45.29	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.58%
24) Chloroform-d	5.11	84	202317	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.75	65	102268	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
32) Benzene-d6	5.77	84	385712	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.73	67	123069	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.00%
41) Toluene-d8	7.93	98	315505	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
43) trans-1,3-Dichloropropene-	8.21	79	42236	3.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.20%
46) 2-Hexanone-d5	8.68	63	203485	44.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.36%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	108944	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	125707	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

					Ovalue
5) Vinyl chloride	1.62	62	147746	4.200	ug/L # 10
8) Chloroethane	1.95	64	79171	3.629	ug/L # 83
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	4082	0.180	ug/L # 66
13) Acetone	2.69	43	51634	9.607	ug/L 90
14) Carbon disulfide	2.82	76	5788	0.078	ug/L 99
15) Methyl Acetate	3.00	43	5601	0.581	ug/L # 78
16) Methylene chloride	3.08	84	18028	0.551	ug/L 95
18) trans-1,2-Dichloroethene	3.39	96	2574	0.115	ug/L 99
19) 1,1-Dichloroethane	3.92	63	342835	7.847	ug/L 99
21) 2-Butanone	4.78	43	107385	15.564	ug/L 98
22) cis-1,2-Dichloroethene	4.72	96	343742	14.559	ug/L 92
25) Chloroform	5.14	83	55399	1.257	ug/L 100
27) 1,2-Dichloroethane	5.84	62	4580	0.163	ug/L 97
29) 1,1,1-Trichloroethane	5.36	97	145495	3.979	ug/L 98
33) Benzene	5.82	78	170834	1.797	ug/L 100
34) Trichloroethene	6.58	95	6566	0.273	ug/L 94
38) Bromodichloromethane	7.14	83	6980	0.227	ug/L # 85

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42) Toluene	8.00	91	56906	0.573	ug/L	100
47) Tetrachloroethene	8.58	164	1891	0.097	ug/L #	80
51) Chlorobenzene	9.48	112	94918	1.531	ug/L	99
52) Ethylbenzene	9.60	91	18922	0.188	ug/L	89
53) m,p-Xylene	9.72	106	13957	0.368	ug/L	97
54) o-Xylene	10.13	106	9923	0.279	ug/L	95
55) Styrene	10.14	104	9385	0.157	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	5865	0.135	ug/L	94
63) 1,4-Dichlorobenzene	11.86	146	17661	0.411	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	18626	0.450	ug/L	94

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

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