

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120919\
 Data File : VU036061.D
 Acq On : 09 Dec 2019 20:56
 Operator : JC/MD
 Sample : K6167-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQW8

Quant Time: Dec 10 03:32:52 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	240902	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	254826	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	101176	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	108343	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.93	69	134117	5.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.00%
11) 1,1-Dichloroethene-d2	2.59	63	126183	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	4.70	46	225901	61.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.48%
24) Chloroform-d	5.11	84	182300	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	5.75	65	95716	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.77	84	356713	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.60%
36) 1,2-Dichloropropane-d6	6.73	67	108310	5.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.40%
41) Toluene-d8	7.93	98	300525	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	8.21	79	32438	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.68	63	168878	57.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.14%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	98411	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	116672	5.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	64076	2.656	ug/L	93
8) Chloroethane	1.95	64	53256	2.902	ug/L	95
13) Acetone	2.69	43	284025	61.152	ug/L	98
15) Methyl Acetate	2.99	43	5541	0.808	ug/L #	88
16) Methylene chloride	3.08	84	10835	0.445	ug/L	91
19) 1,1-Dichloroethane	3.92	63	190425	5.931	ug/L	97
21) 2-Butanone	4.79	43	21405	4.604	ug/L	89
22) cis-1,2-Dichloroethene	4.72	96	205411	10.940	ug/L	100
25) Chloroform	5.14	83	38964	1.089	ug/L	96
29) 1,1,1-Trichloroethane	5.36	97	94818	3.301	ug/L	96
33) Benzene	5.82	78	86464	1.241	ug/L	100
34) Trichloroethene	6.58	95	5924	0.320	ug/L	91
38) Bromodichloromethane	7.14	83	3780	0.161	ug/L #	83
42) Toluene	8.00	91	35844	0.480	ug/L	97
51) Chlorobenzene	9.48	112	57023	1.095	ug/L	98
52) Ethylbenzene	9.60	91	8637	0.110	ug/L	86
53) m,p-Xylene	9.72	106	8366	0.268	ug/L	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-Xylene	10.13	106	5953	0.203	ug/L	80
55) Styrene	10.14	104	8291	0.165	ug/L	81
62) 1,3-Dichlorobenzene	11.77	146	2368	0.072	ug/L	88
63) 1,4-Dichlorobenzene	11.86	146	6875	0.211	ug/L	95
65) 1,2-Dichlorobenzene	12.24	146	6294	0.192	ug/L	93

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

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