

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120919\
 Data File : VU036063.D
 Acq On : 09 Dec 2019 21:45
 Operator : JC/MD
 Sample : K6132-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQW3

Quant Time: Dec 10 03:39:55 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	260727	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	275957	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	121909	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	99620	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.93	69	124776	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.59	63	145607	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.70	46	220587	55.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.40%
24) Chloroform-d	5.11	84	177779	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.75	65	92154	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.77	84	341027	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.73	67	105979	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.93	98	289868	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.21	79	40375	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.68	63	184711	58.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.30%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	96007	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	116888	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	90071	3.450	ug/L #	64
8) Chloroethane	1.95	64	62646	3.154	ug/L	92
13) Acetone	2.69	43	46329	9.216	ug/L	94
15) Methyl Acetate	3.00	43	2247	0.303	ug/L #	65
16) Methylene chloride	3.08	84	14253	0.541	ug/L	96
18) trans-1,2-Dichloroethene	3.39	96	1924	0.099	ug/L #	83
19) 1,1-Dichloroethane	3.92	63	223228	6.424	ug/L	98
21) 2-Butanone	4.78	43	94896	18.861	ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	236210	11.624	ug/L	97
25) Chloroform	5.14	83	64991	1.678	ug/L	91
29) 1,1,1-Trichloroethane	5.36	97	103238	3.319	ug/L	98
33) Benzene	5.82	78	106381	1.410	ug/L	100
34) Trichloroethene	6.58	95	4590	0.229	ug/L	92
38) Bromodichloromethane	7.14	83	8769	0.345	ug/L	95
42) Toluene	8.00	91	39452	0.488	ug/L	95
51) Chlorobenzene	9.48	112	64918	1.152	ug/L	96
52) Ethylbenzene	9.60	91	11892	0.140	ug/L	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) m,p-Xylene	9.72	106	8940	0.265	ug/L	99
54) o-Xylene	10.13	106	6647	0.210	ug/L	89
55) Styrene	10.14	104	7270	0.134	ug/L	84
62) 1,3-Dichlorobenzene	11.77	146	4258	0.107	ug/L	97
63) 1,4-Dichlorobenzene	11.86	146	12664	0.322	ug/L	93
65) 1,2-Dichlorobenzene	12.23	146	12495	0.317	ug/L	98

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

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