

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120619\
 Data File : VU036021.D
 Acq On : 06 Dec 2019 14:00
 Operator : JC/SP
 Sample : K6132-22
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQW4

Quant Time: Dec 06 23:33:23 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	298679	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	309569	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	127760	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	110618	3.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.00%
7) Chloroethane-d5	1.93	69	118803	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.59	63	136109	2.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.60%#
20) 2-Butanone-d5	4.70	46	259343	43.01	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.02%
24) Chloroform-d	5.11	84	198678	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	5.75	65	104640	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
32) Benzene-d6	5.77	84	383909	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	6.73	67	121195	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.60%
41) Toluene-d8	7.93	98	313823	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.40%
43) trans-1,3-Dichloropropene-	8.21	79	43354	3.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.40%
46) 2-Hexanone-d5	8.68	63	200542	42.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.04%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	107004	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	125054	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	92150	2.583	ug/L #	57
8) Chloroethane	1.95	64	56152	2.538	ug/L	91
13) Acetone	2.69	43	62369	11.442	ug/L	99
15) Methyl Acetate	3.00	43	5107	0.523	ug/L #	80
16) Methylene chloride	3.08	84	16205	0.489	ug/L	79
18) trans-1,2-Dichloroethene	3.40	96	2056	0.091	ug/L	83
19) 1,1-Dichloroethane	3.92	63	221773	5.005	ug/L	99
21) 2-Butanone	4.78	43	97607	13.949	ug/L	92
22) cis-1,2-Dichloroethene	4.72	96	224133	9.360	ug/L	89
25) Chloroform	5.14	83	76411	1.709	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	94183	2.516	ug/L	98
33) Benzene	5.82	78	104017	1.068	ug/L	100
34) Trichloroethene	6.58	95	5399	0.219	ug/L	91
38) Bromodichloromethane	7.14	83	11086	0.351	ug/L	86
42) Toluene	8.00	91	39867	0.392	ug/L	97
51) Chlorobenzene	9.48	112	67996	1.071	ug/L	97
52) Ethylbenzene	9.60	91	11309	0.110	ug/L	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) m,p-Xylene	9.72	106	9532	0.246	ug/L	98
54) o-Xylene	10.13	106	6688	0.184	ug/L	91
55) Styrene	10.14	104	7387	0.121	ug/L	92
62) 1,3-Dichlorobenzene	11.77	146	3955	0.093	ug/L	93
63) 1,4-Dichlorobenzene	11.86	146	12546	0.297	ug/L	96
65) 1,2-Dichlorobenzene	12.23	146	11862	0.292	ug/L	86

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

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