

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U072019\
 Data File : VU033350.D
 Acq On : 20 Jul 2019 00:19
 Operator : JC/SP
 Sample : K3890-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A52Q8

Quant Time: Jul 22 15:30:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 20 05:21:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	107475	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	115356	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	56335	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	45799	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.67	69	41274	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.26	63	79590	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	4.17	46	114039	55.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.82%
24) Chloroform-d	4.62	84	71894	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.29	65	40957	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.31	84	137695	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.31	67	46735	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.55	98	114369	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
43) trans-1,3-Dichloropropene-	7.83	79	17872	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.30	63	89048	52.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.84%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	42080	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	47503	4.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.39	62	141615	12.240	ug/L	83
8) Chloroethane	1.69	64	432875	58.460	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2353	0.257	ug/L #	76
12) 1,1-Dichloroethene	2.27	96	18826	2.132	ug/L	86
13) Acetone	2.31	43	24027	13.455	ug/L	96
15) Methyl Acetate	2.60	43	42747	9.584	ug/L	99
18) trans-1,2-Dichloroethene	2.96	96	2974	0.305	ug/L	98
19) 1,1-Dichloroethane	3.42	63	728362	49.698	ug/L	100
21) 2-Butanone	4.27	43	5724	2.789	ug/L #	70
22) cis-1,2-Dichloroethene	4.20	96	47222	5.729	ug/L	97
29) 1,1,1-Trichloroethane	4.89	97	371799	27.904	ug/L	99
30) Cyclohexane	4.97	56	6525	0.545	ug/L	100
34) Trichloroethene	6.16	95	14424	1.669	ug/L	91
42) Toluene	7.62	91	1251234	35.678	ug/L	99
47) Tetrachloroethene	8.21	164	1081	0.156	ug/L	88
52) Ethylbenzene	9.23	91	21290	0.569	ug/L	99
53) m,p-Xylene	9.36	106	6346	0.449	ug/L	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-Xylene	9.76	106	8891	0.659	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	7709	0.461	ug/L	95

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

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