

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072019\
 Data File : VU033351.D
 Acq On : 20 Jul 2019 00:43
 Operator : JC/SP
 Sample : K3890-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A52S1

Quant Time: Jul 20 05:47:44 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	106031	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	112298	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	52703	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	45894	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.67	69	41844	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.26	63	81822	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.20%
20) 2-Butanone-d5	4.17	46	117250	58.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.54%
24) Chloroform-d	4.62	84	74856	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.29	65	43341	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.31	84	138251	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.31	67	48432	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.55	98	118926	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	7.83	79	18515	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.30	63	92401	56.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.82%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	43001	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	48228	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	149408	13.089	ug/L #	79
8) Chloroethane	1.69	64	453424	62.069	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2277	0.252	ug/L #	78
12) 1,1-Dichloroethene	2.27	96	17170	1.971	ug/L #	37
13) Acetone	2.31	43	26822	15.224	ug/L	96
15) Methyl Acetate	2.60	43	45034	10.235	ug/L	98
18) trans-1,2-Dichloroethene	2.96	96	3402	0.354	ug/L	96
19) 1,1-Dichloroethane	3.42	63	741167	51.261	ug/L	99
21) 2-Butanone	4.27	43	7133	3.523	ug/L #	71
22) cis-1,2-Dichloroethene	4.20	96	45933	5.648	ug/L	97
29) 1,1,1-Trichloroethane	4.89	97	366412	28.248	ug/L	99
30) Cyclohexane	4.97	56	7048	0.605	ug/L	97
34) Trichloroethene	6.16	95	13978	1.661	ug/L	99
42) Toluene	7.62	91	1301552	38.123	ug/L	100
47) Tetrachloroethene	8.21	164	850	0.126	ug/L	78
52) Ethylbenzene	9.23	91	22576	0.619	ug/L	94
53) m,p-Xylene	9.36	106	7181	0.522	ug/L	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-Xylene	9.76	106	9498	0.724	ug/L	91
65) 1,2-Dichlorobenzene	11.86	146	6724	0.430	ug/L	99

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

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