

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071719\
 Data File : VU033280.D
 Acq On : 17 Jul 2019 10:25
 Operator : JC/SP
 Sample : K3772-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A52R1

Quant Time: Jul 18 08:28:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 18 08:01:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	136592	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	140594	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	59980	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	57648	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.67	69	46952	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.26	63	110820	4.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.40%
20) 2-Butanone-d5	4.18	46	128165	49.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.88%
24) Chloroform-d	4.62	84	84007	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.29	65	48504	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
32) Benzene-d6	5.32	84	173901	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.31	67	55367	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	7.55	98	155464	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	7.83	79	20669	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.30	63	84605	41.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.52%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	46674	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	56342	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.32	50	6785	0.496	ug/L	97
5) Vinyl chloride	1.40	62	511011	34.752	ug/L	99
8) Chloroethane	1.69	64	6167	0.655	ug/L	94
12) 1,1-Dichloroethene	2.27	96	42618	3.798	ug/L	98
13) Acetone	2.31	43	5586	2.461	ug/L	96
18) trans-1,2-Dichloroethene	2.96	96	42703	3.445	ug/L	98
19) 1,1-Dichloroethane	3.42	63	12896	0.692	ug/L	99
22) cis-1,2-Dichloroethene	4.20	96	9305480	888.239	ug/L	95
29) 1,1,1-Trichloroethane	4.89	97	2864	0.176	ug/L #	93
34) Trichloroethene	6.17	95	4799224	455.527	ug/L	97
47) Tetrachloroethene	8.21	164	3941	0.467	ug/L	93

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

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