

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071719\
 Data File : VU033279.D
 Acq On : 17 Jul 2019 09:56
 Operator : JC/SP
 Sample : K3772-01DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A52T8DL

Quant Time: Jul 18 08:23:58 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	128525	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	135493	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	59755	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	58388	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.67	69	54309	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.26	63	94780	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	4.17	46	122520	50.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.46%
24) Chloroform-d	4.62	84	94857	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.29	65	52094	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.32	84	181363	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.31	67	58530	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.55	98	160618	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.84	79	22646	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.30	63	97355	49.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.52%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	49781	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	59204	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Bromomethane	1.62	94	5876	0.670	ug/L	93
12) 1,1-Dichloroethene	2.27	96	6948	0.658	ug/L	# 1
13) Acetone	2.32	43	38677	18.111	ug/L	82
14) Carbon disulfide	2.46	76	76257	2.231	ug/L	100
15) Methyl Acetate	2.60	43	52496	9.842	ug/L	98
16) Methylene chloride	2.68	84	18089	1.405	ug/L	93
17) Methyl tert-butyl Ether	2.99	73	81759	2.956	ug/L	99
21) 2-Butanone	4.26	43	24414	9.947	ug/L	96
22) cis-1,2-Dichloroethene	4.20	96	16847	1.709	ug/L	97
27) 1,2-Dichloroethane	5.39	62	16910	1.464	ug/L	98
30) Cyclohexane	4.97	56	35562	2.530	ug/L	99
33) Benzene	5.37	78	51554	1.344	ug/L	100
34) Trichloroethene	6.16	95	9563	0.942	ug/L	96
35) Methylcyclohexane	6.39	83	73118	4.779	ug/L	97
40) 4-Methyl-2-pentanone	7.45	43	38419	6.461	ug/L	98
42) Toluene	7.62	91	166831	4.050	ug/L	100
47) Tetrachloroethene	8.21	164	9333	1.147	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2-Hexanone	8.35	43	30677	7.054	ug/L	97
50) 1,2-Dibromoethane	8.58	107	3502	0.492	ug/L #	97
52) Ethylbenzene	9.23	91	97121	2.209	ug/L	100
53) m,p-Xylene	9.36	106	32562	1.960	ug/L	91
62) 1,3-Dichlorobenzene	11.40	146	27377	1.533	ug/L	98

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

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