

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071619\
 Data File : VU033262.D
 Acq On : 16 Jul 2019 14:26
 Operator : JC/SP
 Sample : K3772-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A52T8

Quant Time: Jul 17 05:13:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 17 04:42:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	136967	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	142419	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	69692	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	60926	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.67	69	55669	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.26	63	106632	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	4.18	46	123514	47.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.04%
24) Chloroform-d	4.62	84	93299	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.29	65	49331	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.31	84	183905	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.31	67	57913	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.55	98	172177	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.84	79	23964	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.30	63	97773	47.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.14%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	47344	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	62159	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Bromomethane	1.62	94	19067	2.040	ug/L	94
12) 1,1-Dichloroethene	2.27	96	25562	2.272	ug/L	# 66
13) Acetone	2.33	43	176376	77.500	ug/L	83
14) Carbon disulfide	2.46	76	300696	8.253	ug/L	100
15) Methyl Acetate	2.61	43	209894	36.927	ug/L	99
16) Methylene chloride	2.68	84	67491	4.919	ug/L	94
17) Methyl tert-butyl Ether	2.99	73	327289	11.105	ug/L	99
21) 2-Butanone	4.27	43	109153	41.731	ug/L	97
22) cis-1,2-Dichloroethene	4.20	96	66326	6.314	ug/L	95
27) 1,2-Dichloroethane	5.38	62	64507	5.242	ug/L	99
30) Cyclohexane	4.97	56	170520	11.543	ug/L	99
33) Benzene	5.36	78	209326	5.190	ug/L	100
34) Trichloroethene	6.16	95	37804	3.542	ug/L	97
35) Methylcyclohexane	6.39	83	357111	22.207	ug/L	99
40) 4-Methyl-2-pentanone	7.45	43	179752	28.761	ug/L	98
42) Toluene	7.62	91	729848	16.857	ug/L	99
47) Tetrachloroethene	8.21	164	38945	4.554	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2-Hexanone	8.35	43	126057	27.576	ug/L	99
50) 1,2-Dibromoethane	8.57	107	14687	1.962	ug/L	98
52) Ethylbenzene	9.23	91	470754	10.184	ug/L	100
53) m,p-Xylene	9.36	106	157698	9.031	ug/L	95
62) 1,3-Dichlorobenzene	11.40	146	132784	6.376	ug/L	98

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

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