

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040315.D
 Acq On : 25 Sep 2020 21:20
 Operator : SY/MD
 Sample : L4139-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG4A4

Quant Time: Sep 26 07:32:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 26 06:44:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	127030	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121274	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	61257	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31532	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.92	69	31413	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.80%
11) 1,1-Dichloroethene-d2	2.58	63	54304	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	4.66	46	176241	63.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.06%
24) Chloroform-d	5.08	84	76339	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.72	65	47565	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.74	84	140021	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.70	67	49684	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.91	98	115578	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	8.19	79	18511	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.64	63	115679	56.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.92%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44235	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	52317	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	22188	3.017	ug/L	97
17) Methyl tert-butyl Ether	3.38	73	16079	0.543	ug/L #	1
25) Chloroform	5.11	83	13611	0.611	ug/L	98
30) Cyclohexane	5.40	56	9946	0.539	ug/L	96
33) Benzene	5.79	78	3173394	73.145	ug/L	100
35) Methylcyclohexane	6.77	83	7580	0.425	ug/L #	86
42) Toluene	7.98	91	8282	0.185	ug/L	97
51) Chlorobenzene	9.45	112	276960	9.984	ug/L	98
52) Ethylbenzene	9.57	91	16283	0.321	ug/L	100
53) m,p-Xylene	9.69	106	87901	4.863	ug/L	100
54) o-Xylene	10.10	106	6018	0.349	ug/L	99
56) Isopropylbenzene	10.48	105	121477	2.586	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	2182	0.097	ug/L	91
63) 1,4-Dichlorobenzene	11.83	146	20024	0.884	ug/L	92
65) 1,2-Dichlorobenzene	12.20	146	33270	1.536	ug/L	99

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

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