

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040320.D
 Acq On : 25 Sep 2020 23:16
 Operator : SY/MD
 Sample : L4139-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG4A1

Quant Time: Sep 26 07:56:56 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	148780	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	143202	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	69361	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	34714	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	1.92	69	33368	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.58	63	60279	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	4.66	46	198434	61.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.14%
24) Chloroform-d	5.08	84	84297	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.72	65	53360	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.74	84	158518	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.70	67	55909	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.90	98	131223	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	8.19	79	21613	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.64	63	140805	58.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.44%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48874	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	55138	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
17) Methyl tert-butyl Ether	3.38	73	22267	0.642	ug/L #	88
25) Chloroform	5.11	83	12306	0.471	ug/L	93
33) Benzene	5.79	78	24353	0.475	ug/L	100
42) Toluene	7.98	91	36148	0.685	ug/L	95
51) Chlorobenzene	9.45	112	15755	0.481	ug/L	98
52) Ethylbenzene	9.57	91	8753	0.146	ug/L	99
53) m,p-Xylene	9.69	106	9409	0.441	ug/L	91
54) o-Xylene	10.10	106	3257	0.160	ug/L	77
56) Isopropylbenzene	10.48	105	4503	0.081	ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	1831	0.071	ug/L #	82

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

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