

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122320\
 Data File : VU041787.D
 Acq On : 23 Dec 2020 17:21
 Operator : SY/MD
 Sample : L5185-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG4S8

Manual Integrations
 APPROVED

MMDadoda
 12/24/2020 12:52:26 PM

Quant Time: Dec 24 04:07:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 24 01:08:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	139588	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	133596	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	62209	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	37900	3.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.40%
7) Chloroethane-d5	1.92	69	41257	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.58	63	63179	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	4.66	46	165677	52.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.70%
24) Chloroform-d	5.08	84	82160	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	5.72	65	45773	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
32) Benzene-d6	5.74	84	152490	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.80%
36) 1,2-Dichloropropane-d6	6.70	67	49474	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.40%
41) Toluene-d8	7.91	98	120270	3.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.60%#
43) trans-1,3-Dichloropropene-	8.19	79	19614	3.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.80%
46) 2-Hexanone-d5	8.64	63	120414	40.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.68%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47881	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	51225	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.68	43	6752m	3.386	ug/L	
16) Methylene chloride	3.06	84	1792	0.158	ug/L	80
42) Toluene	7.97	91	18611	0.422	ug/L	88
47) Tetrachloroethene	8.56	164	722	0.096	ug/L #	73
52) Ethylbenzene	9.57	91	4359	0.093	ug/L	98
53) m,p-Xylene	9.69	106	4759	0.272	ug/L	96
54) o-Xylene	10.10	106	2317	0.135	ug/L	100
55) Styrene	10.12	104	1636	0.055	ug/L	91
56) Isopropylbenzene	10.48	105	1235	0.027	ug/L	93

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

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