

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040321.D
 Acq On : 25 Sep 2020 23:39
 Operator : SY/MD
 Sample : L4139-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG4A2

Quant Time: Sep 26 08:00:40 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	150985	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	141137	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	70763	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	35101	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.92	69	34159	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.58	63	60045	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	4.66	46	198399	60.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.34%
24) Chloroform-d	5.08	84	82823	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.72	65	52181	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.74	84	155100	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.70	67	54661	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.91	98	130197	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	8.19	79	20891	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.64	63	137825	58.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.64%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47363	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	55582	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

					Ovalue
8) Chloroethane	1.94	64	7580	0.867 ug/L #	68
17) Methyl tert-butyl Ether	3.38	73	16086	0.457 ug/L #	52
25) Chloroform	5.11	83	4383	0.165 ug/L	91
30) Cyclohexane	5.40	56	9204	0.428 ug/L	96
33) Benzene	5.79	78	5762317	114.126 ug/L	100
35) Methylcyclohexane	6.77	83	5585	0.269 ug/L	94
42) Toluene	7.97	91	34763	0.669 ug/L	98
51) Chlorobenzene	9.45	112	617357	19.123 ug/L	97
52) Ethylbenzene	9.57	91	136161	2.305 ug/L	99
53) m,p-Xylene	9.69	106	1277272	60.723 ug/L	99
54) o-Xylene	10.10	106	563477	28.111 ug/L	98
56) Isopropylbenzene	10.48	105	116330	2.128 ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	2727	0.105 ug/L	94
63) 1,4-Dichlorobenzene	11.83	146	34644	1.324 ug/L	97
65) 1,2-Dichlorobenzene	12.20	146	9514	0.380 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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