

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040322.D
 Acq On : 26 Sep 2020 00:02
 Operator : SY/MD
 Sample : L4139-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG4A3

Quant Time: Sep 26 08:04:09 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	155393	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	149462	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	73242	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	35587	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.92	69	34913	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.58	63	60827	2.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.80%#
20) 2-Butanone-d5	4.66	46	193016	56.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.76%
24) Chloroform-d	5.08	84	83882	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.72	65	52253	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
32) Benzene-d6	5.74	84	158718	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.70	67	54246	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.91	98	131644	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	8.19	79	20020	3.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.80%
46) 2-Hexanone-d5	8.64	63	135959	54.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.64%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48677	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	55030	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
14) Carbon disulfide	2.81	76	2519	0.065	ug/L	99
17) Methyl tert-butyl Ether	3.39	73	23456	0.647	ug/L #	90
25) Chloroform	5.11	83	3784	0.139	ug/L	91
30) Cyclohexane	5.41	56	2770	0.122	ug/L	92
33) Benzene	5.79	78	1042496	19.497	ug/L	100
35) Methylcyclohexane	6.77	83	2253	0.103	ug/L #	93
42) Toluene	7.98	91	22549	0.410	ug/L	100
51) Chlorobenzene	9.45	112	354395	10.366	ug/L	98
52) Ethylbenzene	9.57	91	101757	1.626	ug/L	98
53) m,p-Xylene	9.69	106	203372	9.130	ug/L	97
54) o-Xylene	10.10	106	108826	5.127	ug/L	96
56) Isopropylbenzene	10.48	105	52704	0.910	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	2044	0.076	ug/L #	82
63) 1,4-Dichlorobenzene	11.83	146	11260	0.416	ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	6750	0.261	ug/L	98

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

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