

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU093020\
 Data File : VU040398.D
 Acq On : 30 Sep 2020 14:53
 Operator : SY/MD
 Sample : L4139-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG4A3

Quant Time: Oct 01 03:44:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 01 03:05:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	135883	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	136727	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	68016	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28030	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.92	69	27245	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.58	63	45172	2.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.80%#
20) 2-Butanone-d5	4.66	46	164843	49.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.66%
24) Chloroform-d	5.09	84	74130	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.72	65	44906	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.75	84	123959	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.70	67	46630	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.91	98	97084	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	8.19	79	16559	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.64	63	110761	45.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.78%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45651	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	52259	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	1236	0.092	ug/L	88
8) Chloroethane	1.94	64	3313	0.426	ug/L #	61
13) Acetone	2.66	43	3279	1.178	ug/L	81
17) Methyl tert-butyl Ether	3.38	73	16113	0.565	ug/L #	87
30) Cyclohexane	5.40	56	2273	0.118	ug/L #	89
33) Benzene	5.79	78	875200	19.092	ug/L	100
35) Methylcyclohexane	6.77	83	1597	0.089	ug/L #	84
42) Toluene	7.98	91	9655	0.205	ug/L	96
51) Chlorobenzene	9.45	112	303263	9.979	ug/L	97
52) Ethylbenzene	9.57	91	74920	1.469	ug/L	99
53) m,p-Xylene	9.69	106	160234	8.432	ug/L	99
54) o-Xylene	10.10	106	85810	4.800	ug/L	97
56) Isopropylbenzene	10.48	105	40270	0.835	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	1462	0.065	ug/L	84
63) 1,4-Dichlorobenzene	11.83	146	9663	0.413	ug/L	96
65) 1,2-Dichlorobenzene	12.20	146	4879	0.223	ug/L	92

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

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