

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101920\
 Data File : VU040795.D
 Acq On : 19 Oct 2020 11:27
 Operator : SY/MD
 Sample : L4354-23
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 20 01:56:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 01:28:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	119404	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	120450	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52101	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	55128	5.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.40%
7) Chloroethane-d5	1.92	69	33835	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.58	63	57168	2.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.20%#
20) 2-Butanone-d5	4.67	46	192921	60.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.86%
24) Chloroform-d	5.08	84	86697	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.72	65	53915	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.74	84	149372	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.70	67	52273	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.91	98	111837	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
43) trans-1,3-Dichloropropene-	8.19	79	17028	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
46) 2-Hexanone-d5	8.64	63	121173	51.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.94%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50692	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	50095	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	2852342	267.711	ug/L	99
12) 1,1-Dichloroethene	2.59	96	4222	0.496	ug/L #	1
13) Acetone	2.68	43	9142m	3.725	ug/L	
14) Carbon disulfide	2.81	76	11446m	0.480	ug/L	
17) Methyl tert-butyl Ether	3.39	73	3894	0.162	ug/L #	88
18) trans-1,2-Dichloroethene	3.37	96	6531	0.732	ug/L	85
22) cis-1,2-Dichloroethene	4.69	96	2580039	268.267	ug/L	98
33) Benzene	5.79	78	3000	0.078	ug/L	100
34) Trichloroethene	6.56	95	26510	2.643	ug/L	98
42) Toluene	7.98	91	2899	0.074	ug/L	98
47) Tetrachloroethene	8.56	164	61180	8.549	ug/L	96
52) Ethylbenzene	9.57	91	1952	0.046	ug/L	97
53) m,p-Xylene	9.70	106	2442	0.157	ug/L	78
54) o-Xylene	10.11	106	1185	0.079	ug/L	91
56) Isopropylbenzene	10.48	105	2451	0.061	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	2519	0.151	ug/L	92

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

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