Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110920\
Data File : VU041159.D
Acq On : 09 Nov 2020 23:06
Operator : SY/MD
Sample : L4673-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GB0T1

Quant Time: Nov 10 05:35:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 10 04:18:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	60676	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	59840	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	26830	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	15854	3.11	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 62.20%			
7) Chloroethane-d5	1.92	69	14889	3.80	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 76.00%			
11) 1,1-Dichloroethene-d2	2.58	63	26100	2.61	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 52.20%#			
20) 2-Butanone-d5	4.66	46	91071	54.25	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.50%			
24) Chloroform-d	5.08	84	41958	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.20%			
26) 1,2-Dichloroethane-d4	5.72	65	27593	4.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.80%			
32) Benzene-d6	5.74	84	73950	4.62	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.40%			
36) 1,2-Dichloropropane-d6	6.70	67	26193	5.03	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.60%			
41) Toluene-d8	7.91	98	60492	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.40%			
43) trans-1,3-Dichloropropene-	8.19	79	9992	4.42	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.40%			
46) 2-Hexanone-d5	8.64	63	63043	51.84	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.68%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24075	4.98	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	25953	5.51	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 110.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.61	62	2273	0.399	ug/L #	77
12) 1,1-Dichloroethene	2.59	96	1630	0.380	ug/L #	1
13) Acetone	2.66	43	1362	1.187	ug/L	96
18) trans-1,2-Dichloroethene	3.37	96	10888	2.500	ug/L	94
22) cis-1,2-Dichloroethene	4.69	96	1367370	304.344	ug/L	94
25) Chloroform	5.11	83	6610	0.757	ug/L	92
33) Benzene	5.79	78	2735	0.153	ug/L	100
34) Trichloroethene	6.56	95	7617146	1673.974	ug/L	91
38) Bromodichloromethane	7.11	83	1591	0.254	ug/L #	83
47) Tetrachloroethene	8.56	164	7214	2.156	ug/L	94
53) m,p-Xylene	9.69	106	1029	0.148	ug/L	98

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

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