Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010921\
Data File : VU041871.D
Acq On : 07 Jan 2021 14:41
Operator : SY/MD
Sample : M1026-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFXJ8

Quant Time: Jan 08 05:26:54 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 08 04:58:19 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	177183	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	163119	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	68975	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	44154	3.19	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 63.80%			
7) Chloroethane-d5	1.92	69	46145	4.30	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.00%			
11) 1,1-Dichloroethene-d2	2.58	63	74001	2.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.00%#			
20) 2-Butanone-d5	4.65	46	178524	44.87	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.74%			
24) Chloroform-d	5.08	84	105982	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.40%			
26) 1,2-Dichloroethane-d4	5.72	65	59949	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.00%			
32) Benzene-d6	5.74	84	206346	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.40%			
36) 1,2-Dichloropropane-d6	6.70	67	66033	4.51	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.20%			
41) Toluene-d8	7.90	98	162763	3.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.20%			
43) trans-1,3-Dichloropropene-	8.19	79	25349	3.85	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.00%			
46) 2-Hexanone-d5	8.64	63	138578	38.50	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 77.00%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	55803	4.19	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	56322	4.59	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	9137	0.609	ug/L	94
3) Chloromethane	1.52	50	936	0.064	ug/L	100
5) Vinyl chloride	1.61	62	767	0.048	ug/L #	1
8) Chloroethane	1.94	64	644	0.059	ug/L #	73
9) Trichlorofluoromethane	2.15	101	1189028	58.339	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	18602	1.526	ug/L	94
12) 1,1-Dichloroethene	2.59	96	9705	0.807	ug/L #	1
13) Acetone	2.65	43	3956	1.563	ug/L	97
16) Methylene chloride	3.06	84	6365	0.443	ug/L	84
17) Methyl tert-butyl Ether	3.38	73	73733	2.299	ug/L	99
19) 1,1-Dichloroethane	3.89	63	78745	3.389	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	11669	0.849	ug/L	97
25) Chloroform	5.10	83	5790	0.247	ug/L	96
27) 1,2-Dichloroethane	5.81	62	2234	0.141	ug/L #	86
29) 1,1,1-Trichloroethane	5.34	97	10195	0.544	ug/L	99
34) Trichloroethene	6.55	95	98825	7.539	ug/L	98
42) Toluene	7.97	91	2285	0.042	ug/L	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Tetrachloroethene	8.56	164	10303	1.123	ug/L	92

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

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