Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
Data File : VU042015.D
Acq On : 14 Jan 2021 05:28
Operator : SY/MD
Sample : M1129-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFT62

Manual Integrations APPROVED
MMDadoda
1/15/2021 12:14:51 PM

Quant Time: Jan 15 02:52:19 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 15 02:46:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	6.259	114	108193	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.420	117	106711	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	46466	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.600	65	46051	5.64	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 112.80%				
7) Chloroethane-d5	1.919	69	44950	5.82	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 116.40%				
11) 1,1-Dichloroethene-d2	2.568	63	74560	4.53	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.60%				
20) 2-Butanone-d5	4.694	46	128742m	46.99	ug/L		0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.98%				
24) Chloroform-d	5.079	84	83236	4.98	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.60%				
26) 1,2-Dichloroethane-d4	5.719	65	46920	5.15	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.00%				
32) Benzene-d6	5.739	84	156978	4.55	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.00%				
36) 1,2-Dichloropropane-d6	6.703	67	51888	4.59	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.80%				
41) Toluene-d8	7.902	98	131089	4.25	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.00%				
43) trans-1,3-Dichloroprop...	8.185	79	20466	4.50	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.00%				
46) 2-Hexanone-d5	8.648	63	119352	51.20	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.40%				
57) 1,1,2,2-Tetrachloroeth...	10.758	84	46391	5.38	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.60%				
64) 1,2-Dichlorobenzene-d4	12.188	152	47419	5.42	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.40%				
Target Compounds							Qvalue
3) Chloromethane	1.523	50	8036	0.64	ug/L		99
14) Carbon disulfide	2.793	76	5894	0.21	ug/L	#	94
17) Methyl tert-butyl Ether	3.388	73	3447	0.16	ug/L	#	82
19) 1,1-Dichloroethane	3.880	63	2008	0.12	ug/L	#	82
25) Chloroform	5.105	83	30304	1.79	ug/L		98
34) Trichloroethene	6.549	95	372449	37.73	ug/L		99
38) Bromodichloromethane	7.115	83	22852	1.72	ug/L		96
42) Toluene	7.976	91	6163	0.15	ug/L		98
47) Tetrachloroethene	8.555	164	8134	1.27	ug/L		98
49) Dibromochloromethane	8.816	129	13646	1.73	ug/L		99
61) Bromoform	10.291	173	2720	0.69	ug/L	#	89

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

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