Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081321\
Data File : BN015871.D
Acq On : 13 Aug 2021 11:42
Operator : CG/JU
Sample : M1458-09
Misc : MDL-MDL-WATER 0.1ng
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2021

Manual Integrations APPROVED
mohammad
8/16/2021 12:22:26 PM

Quant Time: Aug 13 12:23:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 13 10:59:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.919	152	7416	0.400	ng		0.00
7) Naphthalene-d8	10.723	136	35737	0.400	ng		0.00
13) Acenaphthene-d10	14.548	164	20301	0.400	ng		0.00
19) Phenanthrene-d10	17.297	188	41596	0.400	ng		0.00
29) Chrysene-d12	21.493	240	44583	0.400	ng	#	0.00
35) Perylene-d12	23.919	264	41809	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.494	112	6101	0.333	ng		0.00
5) Phenol-d6	7.070	99	7976	0.320	ng		0.00
8) Nitrobenzene-d5	9.076	82	9213	0.308	ng		0.00
11) 2-Methylnaphthalene-d10	12.309	152	23587	0.410	ng		0.00
14) 2,4,6-Tribromophenol	16.044	330	2453	0.274	ng		0.00
15) 2-Fluorobiphenyl	13.177	172	27258	0.341	ng		0.00
27) Fluoranthene-d10	19.336	212	51985	0.406	ng		0.00
31) Terphenyl-d14	19.931	244	44463	0.351	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	287	0.098	ng	#	90
3) n-Nitrosodimethylamine	3.788	42	590	0.078	ng	#	98
6) bis(2-Chloroethyl)ether	7.347	93	2178	0.110	ng		99
9) Naphthalene	10.774	128	9958	0.108	ng		98
10) Hexachlorobutadiene	11.065	225	2703	0.107	ng	#	99
12) 2-Methylnaphthalene	12.385	142	6694	0.105	ng		98
16) Acenaphthylene	14.268	152	7661	0.094	ng		99
17) Acenaphthene	14.611	154	5743	0.101	ng		99
18) Fluorene	15.601	166	7052	0.100	ng		99
20) 4,6-Dinitro-2-methylph...	15.677	198	209m	0.052	ng		
21) 4-Bromophenyl-phenylether	16.494	248	2271	0.101	ng		99
22) Hexachlorobenzene	16.603	284	3139	0.107	ng		99
23) Atrazine	16.762	200	1598	0.086	ng		95
24) Pentachlorophenol	16.956	266	552	0.051	ng		97
25) Phenanthrene	17.346	178	11705	0.103	ng		98
26) Anthracene	17.431	178	9856	0.097	ng		100
28) Fluoranthene	19.365	202	14273	0.103	ng		100
30) Pyrene	19.728	202	13800	0.104	ng		99
32) Benzo(a)anthracene	21.471	228	13121	0.093	ng		99
33) Chrysene	21.524	228	14470	0.103	ng		99
34) Bis(2-ethylhexyl)phtha...	21.408	149	5194	0.089	ng		100
36) Indeno(1,2,3-cd)pyrene	26.435	276	13074	0.093	ng	#	94
37) Benzo(b)fluoranthene	23.179	252	14619m	0.101	ng		
38) Benzo(k)fluoranthene	23.227	252	14088	0.104	ng	#	94
39) Benzo(a)pyrene	23.809	252	12694	0.102	ng	#	92
40) Dibenzo(a,h)anthracene	26.452	278	10415	0.091	ng	#	81
41) Benzo(g,h,i)perylene	27.201	276	11610	0.096	ng		97

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

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