Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
Data File : BN026753.D
Acq On : 25 Jul 2023 19:21
Operator : MA/JU
Sample : 03709-04MS
Misc :
ALS Vial : 89 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MS

Quant Time: Jul 25 20:46:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 23:51:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.828	152	1587	0.400	ng		0.00
7) Naphthalene-d8	10.618	136	5308	0.400	ng		-0.01
13) Acenaphthene-d10	14.459	164	3632	0.400	ng		0.00
19) Phenanthrene-d10	17.207	188	7713	0.400	ng		#-0.01
29) Chrysene-d12	21.408	240	6058	0.400	ng		# 0.00
35) Perylene-d12	23.782	264	7073	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.430	112	475	0.123	ng		0.01
5) Phenol-d6	7.033	99	330	0.067	ng		0.00
8) Nitrobenzene-d5	9.006	82	1143	0.252	ng		-0.03
11) 2-Methylnaphthalene-d10	12.215	152	3520	0.454	ng		-0.01
14) 2,4,6-Tribromophenol	15.966	330	632	0.478	ng		-0.01
15) 2-Fluorobiphenyl	13.080	172	5541	0.395	ng		-0.02
27) Fluoranthene-d10	19.244	212	6757	0.413	ng		0.00
31) Terphenyl-d14	19.839	244	7062	0.456	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.227	88	6444	3.839	ng	#	91
3) n-Nitrosodimethylamine	3.632	42	147	0.086	ng	#	93
6) bis(2-Chloroethyl)ether	7.264	93	840	0.208	ng		91
9) Naphthalene	10.671	128	5009	0.349	ng		97
10) Hexachlorobutadiene	10.938	225	1143	0.412	ng	#	99
12) 2-Methylnaphthalene	12.287	142	3731	0.369	ng	#	93
16) Acenaphthylene	14.181	152	5903	0.347	ng		99
17) Acenaphthene	14.523	154	3855	0.351	ng		99
18) Fluorene	15.507	166	4799	0.335	ng		99
21) 4-Bromophenyl-phenylether	16.400	248	1945	0.442	ng		99
22) Hexachlorobenzene	16.512	284	1796	0.407	ng		96
23) Atrazine	16.673	200	1873	0.495	ng		93
24) Pentachlorophenol	16.872	266	1771	0.852	ng		96
25) Phenanthrene	17.244	178	8452	0.374	ng		100
26) Anthracene	17.344	178	7528	0.370	ng		99
28) Fluoranthene	19.277	202	9979	0.420	ng	#	90
30) Pyrene	19.639	202	10081	0.300	ng		99
32) Benzo(a)anthracene	21.390	228	8982	0.412	ng		98
33) Chrysene	21.444	228	8793	0.362	ng		98
34) Bis(2-ethylhexyl)phtha...	21.301	149	10575	0.544	ng	#	96
36) Indeno(1,2,3-cd)pyrene	26.241	276	9756	0.336	ng	#	85
37) Benzo(b)fluoranthene	23.063	252	8891	0.347	ng	#	90
38) Benzo(k)fluoranthene	23.110	252	9399	0.339	ng	#	88
39) Benzo(a)pyrene	23.680	252	8012	0.318	ng	#	85
40) Dibenzo(a,h)anthracene	26.247	278	7447	0.328	ng	#	86
41) Benzo(g,h,i)perylene	26.998	276	8461	0.319	ng	#	87

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

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