Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032922\
Data File : BN019224.D
Acq On : 29 Mar 2022 14:33
Operator : CG/JU
Sample : N2107-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SS2MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022

Quant Time: Mar 29 17:29:10 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 25 19:03:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	5345	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	13859	0.400	ng	#	0.00
13) Acenaphthene-d10	14.485	164	7359	0.400	ng		0.00
19) Phenanthrene-d10	17.226	188	12718	0.400	ng	#	0.00
29) Chrysene-d12	21.413	240	7269	0.400	ng	#	0.00
35) Perylene-d12	23.779	264	5819	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	3800	0.301	ng		0.00
5) Phenol-d6	7.002	99	4415	0.305	ng		0.00
8) Nitrobenzene-d5	8.993	82	3327	0.310	ng		0.00
11) 2-Methylnaphthalene-d10	12.238	152	8437m	0.380	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	749	0.209	ng		0.00
15) 2-Fluorobiphenyl	13.105	172	10462	0.338	ng		0.00
27) Fluoranthene-d10	19.257	212	12339	0.332	ng		0.00
31) Terphenyl-d14	19.851	244	6225	0.384	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	1962	0.276	ng	#	83
3) n-Nitrosodimethylamine	3.557	42	3174	0.399	ng		98
6) bis(2-Chloroethyl)ether	7.255	93	6335	0.406	ng		97
9) Naphthalene	10.690	128	17138	0.439	ng		99
10) Hexachlorobutadiene	10.989	225	3764	0.430	ng	#	99
12) 2-Methylnaphthalene	12.310	142	10568	0.412	ng		98
16) Acenaphthylene	14.196	152	14676	0.437	ng		100
17) Acenaphthene	14.538	154	10149	0.426	ng		98
18) Fluorene	15.532	166	12225	0.404	ng		100
20) 4,6-Dinitro-2-methylph...	15.618	198	588	0.284	ng	#	64
21) 4-Bromophenyl-phenylether	16.415	248	3808	0.461	ng	#	90
22) Hexachlorobenzene	16.538	284	4605	0.471	ng		99
23) Atrazine	16.682	200	2329	0.406	ng		96
24) Pentachlorophenol	16.887	266	905	0.258	ng		97
25) Phenanthrene	17.267	178	26530	0.650	ng		99
26) Anthracene	17.359	178	15393	0.455	ng		99
28) Fluoranthene	19.287	202	29437	0.639	ng		99
30) Pyrene	19.649	202	27019	0.787	ng		98
32) Benzo(a)anthracene	21.396	228	13152	0.563	ng		99
33) Chrysene	21.449	228	16274	0.544	ng		99
34) Bis(2-ethylhexyl)phtha...	21.324	149	8689	0.611	ng		98
36) Indeno(1,2,3-cd)pyrene	26.229	276	11483	0.494	ng		94
37) Benzo(b)fluoranthene	23.060	252	12599	0.570	ng		94
38) Benzo(k)fluoranthene	23.106	252	12727m	0.454	ng		
39) Benzo(a)pyrene	23.676	252	11609	0.613	ng	#	91
40) Dibenzo(a,h)anthracene	26.249	278	8458	0.483	ng	#	90
41) Benzo(g,h,i)perylene	26.971	276	13351	0.558	ng		97

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

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