Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083022\
Data File : BN021453.D
Acq On : 30 Aug 2022 13:02
Operator : CG/JU
Sample : N4280-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 31 01:19:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 16:30:43 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
RE109D2-20220817MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.076	152	5073	0.400	ng		0.00
7) Naphthalene-d8	10.909	136	16340	0.400	ng		0.00
13) Acenaphthene-d10	14.728	164	9034	0.400	ng		0.00
19) Phenanthrene-d10	17.480	188	19249	0.400	ng		0.00
29) Chrysene-d12	21.673	240	14673	0.400	ng		0.00
35) Perylene-d12	24.194	264	11051	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.599	112	1411	0.142	ng		0.00
5) Phenol-d6	7.224	99	1002	0.079	ng		0.00
8) Nitrobenzene-d5	9.243	82	3348	0.303	ng		-0.01
11) 2-Methylnaphthalene-d10	12.493	152	11269m	0.306	ng		0.00
14) 2,4,6-Tribromophenol	16.218	330	1034	0.349	ng		0.00
15) 2-Fluorobiphenyl	13.360	172	12544	0.318	ng		0.00
27) Fluoranthene-d10	19.505	212	18990	0.384	ng		0.00
31) Terphenyl-d14	20.097	244	14364	0.436	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.403	88	19066	3.005	ng	#	89
3) n-Nitrosodimethylamine	3.750	42	577	0.101	ng	#	92
6) bis(2-Chloroethyl)ether	7.491	93	4635	0.291	ng		98
9) Naphthalene	10.951	128	12170	0.251	ng		100
10) Hexachlorobutadiene	11.240	225	1843	0.220	ng	#	100
12) 2-Methylnaphthalene	12.187	142	1526	0.316	ng		98
16) Acenaphthylene	14.450	152	10441	0.246	ng		100
17) Acenaphthene	14.793	154	7633	0.256	ng		99
18) Fluorene	15.776	166	9825	0.267	ng		99
21) 4-Bromophenyl-phenylether	16.659	248	3320	0.276	ng	#	76
22) Hexachlorobenzene	16.782	284	3657	0.248	ng		100
23) Atrazine	16.926	200	2056	0.293	ng		99
24) Pentachlorophenol	17.121	266	1517	0.546	ng		98
25) Phenanthrene	17.521	178	18350	0.276	ng		100
26) Anthracene	17.613	178	14795	0.280	ng		99
28) Fluoranthene	19.535	202	20400	0.296	ng		99
30) Pyrene	19.902	202	23549	0.301	ng		99
32) Benzo(a)anthracene	21.655	228	15879	0.311	ng		100
33) Chrysene	21.709	228	17416	0.286	ng		100
34) Bis(2-ethylhexyl)phtha...	21.565	149	8628	0.419	ng		99
36) Indeno(1,2,3-cd)pyrene	26.854	276	12953	0.260	ng		98
37) Benzo(b)fluoranthene	23.416	252	15784	0.290	ng		98
38) Benzo(k)fluoranthene	23.469	252	14907	0.272	ng		100
39) Benzo(a)pyrene	24.083	252	11980	0.315	ng	#	94
40) Dibenzo(a,h)anthracene	26.872	278	11089	0.276	ng		98
41) Benzo(g,h,i)perylene	27.673	276	10977	0.249	ng		98

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

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