Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050224\
Data File : BN031380.D
Acq On : 02 May 2024 20:28
Operator : MA/JU
Sample : PB160578BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 03 01:11:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 02 15:02:22 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB160578BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/04/2024
Supervised By :mohammad ahmed 05/04/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.602	152	3047	0.400	ng		0.00
7) Naphthalene-d8	10.378	136	8354	0.400	ng		0.00
13) Acenaphthene-d10	14.242	164	4524	0.400	ng		0.00
19) Phenanthrene-d10	17.003	188	8971	0.400	ng	#	0.00
29) Chrysene-d12	21.202	240	6792	0.400	ng		0.00
35) Perylene-d12	23.399	264	3781	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.205	112	2413	0.355	ng		0.00
5) Phenol-d6	6.786	99	2657	0.323	ng		0.00
8) Nitrobenzene-d5	8.755	82	1981	0.343	ng		0.00
11) 2-Methylnaphthalene-d10	11.971	152	6209	0.483	ng		0.00
14) 2,4,6-Tribromophenol	15.750	330	582	0.332	ng		0.00
15) 2-Fluorobiphenyl	12.863	172	5353	0.352	ng		0.00
27) Fluoranthene-d10	19.040	212	7085	0.293	ng		0.00
31) Terphenyl-d14	19.644	244	5810	0.368	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.154	88	892	0.238	ng	#	58
3) n-Nitrosodimethylamine	3.464	42	1250	0.356	ng	#	84
6) bis(2-Chloroethyl)ether	7.039	93	2303	0.283	ng		95
9) Naphthalene	10.431	128	6619	0.287	ng		98
10) Hexachlorobutadiene	10.709	225	1500	0.324	ng	#	99
12) 2-Methylnaphthalene	12.050	142	4294	0.280	ng	#	94
16) Acenaphthylene	13.964	152	5816	0.292	ng		99
17) Acenaphthene	14.306	154	3834	0.272	ng		98
18) Fluorene	15.300	166	4850	0.260	ng		99
20) 4,6-Dinitro-2-methylph...	15.396	198	425	0.414	ng	#	88
21) 4-Bromophenyl-phenylether	16.197	248	1577	0.296	ng	#	90
22) Hexachlorobenzene	16.296	284	1889	0.304	ng		96
23) Atrazine	16.482	200	225	0.058	ng		90
24) Pentachlorophenol	16.656	266	1904	0.884	ng		99
25) Phenanthrene	17.041	178	7443	0.281	ng		99
26) Anthracene	17.128	178	6103	0.278	ng		99
28) Fluoranthene	19.067	202	8151	0.257	ng		97
30) Pyrene	19.434	202	7524	0.285	ng		99
32) Benzo(a)anthracene	21.184	228	7099	0.300	ng		99
33) Chrysene	21.238	228	7568	0.294	ng		99
34) Bis(2-ethylhexyl)phtha...	21.121	149	4942	0.456	ng		98
36) Indeno(1,2,3-cd)pyrene	25.606	276	8245	0.469	ng		95
37) Benzo(b)fluoranthene	22.738	252	7902	0.506	ng		93
38) Benzo(k)fluoranthene	22.785	252	7156m	0.468	ng		
39) Benzo(a)pyrene	23.302	252	4748	0.366	ng	#	81
40) Dibenzo(a,h)anthracene	25.627	278	7891	0.560	ng		95
41) Benzo(g,h,i)perylene	26.285	276	6717	0.433	ng		95

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

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