Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050824\
Data File : BN031435.D
Acq On : 08 May 2024 12:12
Operator : MA/JU
Sample : PB160696BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB160696BS

Quant Time: May 08 12:55:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 17:14:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.567	152	5510	0.400	ng		0.00
7) Naphthalene-d8	10.336	136	17253	0.400	ng		0.00
13) Acenaphthene-d10	14.210	164	9756	0.400	ng		0.00
19) Phenanthrene-d10	16.966	188	21885	0.400	ng		0.00
29) Chrysene-d12	21.175	240	18360	0.400	ng		0.00
35) Perylene-d12	23.358	264	18680	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.162	112	4669	0.362	ng		0.00
5) Phenol-d6	6.743	99	5436	0.355	ng		0.00
8) Nitrobenzene-d5	8.713	82	4454	0.294	ng		0.00
11) 2-Methylnaphthalene-d10	11.937	152	9949	0.489	ng		0.00
14) 2,4,6-Tribromophenol	15.713	330	1317	0.274	ng		0.00
15) 2-Fluorobiphenyl	12.831	172	9220	0.255	ng		0.00
27) Fluoranthene-d10	19.003	212	18803	0.318	ng		0.00
31) Terphenyl-d14	19.616	244	15726	0.337	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.103	88	2483	0.378	ng		98
3) n-Nitrosodimethylamine	3.421	42	2412	0.367	ng	#	96
6) bis(2-Chloroethyl)ether	7.003	93	5217	0.364	ng		99
9) Naphthalene	10.389	128	17819	0.370	ng		99
10) Hexachlorobutadiene	10.667	225	3743	0.372	ng	#	100
12) 2-Methylnaphthalene	12.013	142	11698	0.498	ng		97
16) Acenaphthylene	13.932	152	15282	0.357	ng		100
17) Acenaphthene	14.274	154	11422	0.389	ng		99
18) Fluorene	15.268	166	14792	0.390	ng		99
20) 4,6-Dinitro-2-methylph...	15.365	198	924	0.300	ng	#	79
21) 4-Bromophenyl-phenylether	16.160	248	4608	0.365	ng		97
22) Hexachlorobenzene	16.271	284	5548	0.384	ng		100
23) Atrazine	16.445	200	3332	0.336	ng		98
24) Pentachlorophenol	16.619	266	1637	0.357	ng		98
25) Phenanthrene	17.004	178	22851	0.364	ng		100
26) Anthracene	17.103	178	18368	0.348	ng		99
28) Fluoranthene	19.035	202	16143	0.210	ng		98
30) Pyrene	19.402	202	25572	0.401	ng		100
32) Benzo(a)anthracene	21.157	228	23300	0.368	ng		99
33) Chrysene	21.211	228	26342	0.399	ng		99
34) Bis(2-ethylhexyl)phtha...	21.094	149	11627	0.347	ng		96
36) Indeno(1,2,3-cd)pyrene	25.539	276	29710	0.394	ng		100
37) Benzo(b)fluoranthene	22.703	252	27911	0.381	ng		98
38) Benzo(k)fluoranthene	22.747	252	28495	0.396	ng		99
39) Benzo(a)pyrene	23.262	252	23682	0.385	ng		97
40) Dibenzo(a,h)anthracene	25.554	278	23536	0.396	ng		98
41) Benzo(g,h,i)perylene	26.203	276	26543	0.440	ng		100

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

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