Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
Data File : BN032606.D
Acq On : 10 Jul 2024 02:49
Operator : MA/JU
Sample : PB161930BSD
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161930BSD

Quant Time: Jul 10 04:40:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 02:39:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.581	152	5649	0.400	ng		0.00
7) Naphthalene-d8	10.368	136	18384	0.400	ng		-0.01
13) Acenaphthene-d10	14.221	164	12967	0.400	ng		-0.01
19) Phenanthrene-d10	16.992	188	27997	0.400	ng		#-0.01
29) Chrysene-d12	21.202	240	20942	0.400	ng		0.00
35) Perylene-d12	23.417	264	19920	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.212	112	5044	0.353	ng		0.00
5) Phenol-d6	6.816	99	6416	0.352	ng		0.00
8) Nitrobenzene-d5	8.788	82	4625	0.337	ng		-0.01
11) 2-Methylnaphthalene-d10	11.975	152	11388	0.392	ng		0.00
14) 2,4,6-Tribromophenol	15.763	330	1839	0.313	ng		0.00
15) 2-Fluorobiphenyl	12.863	172	17767	0.372	ng		0.00
27) Fluoranthene-d10	19.035	212	26518	0.363	ng		0.00
31) Terphenyl-d14	19.639	244	20297	0.397	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.161	88	2678	0.360	ng		98
3) n-Nitrosodimethylamine	3.486	42	2023	0.375	ng		97
6) bis(2-Chloroethyl)ether	7.040	93	4387	0.361	ng		93
9) Naphthalene	10.421	128	19562	0.390	ng		99
10) Hexachlorobutadiene	10.656	225	3804	0.380	ng	#	98
12) 2-Methylnaphthalene	12.047	142	13254	0.394	ng		98
16) Acenaphthylene	13.954	152	19199	0.344	ng		100
17) Acenaphthene	14.285	154	14618	0.377	ng		100
18) Fluorene	15.290	166	19300	0.380	ng		100
20) 4,6-Dinitro-2-methylph...	15.482	198	800	0.381	ng	#	75
21) 4-Bromophenyl-phenylether	16.185	248	6387	0.384	ng		93
22) Hexachlorobenzene	16.284	284	7024	0.384	ng		99
23) Atrazine	16.470	200	4421	0.341	ng		95
24) Pentachlorophenol	16.681	266	1733	0.375	ng		98
25) Phenanthrene	17.041	178	29374	0.386	ng		100
26) Anthracene	17.140	178	21196	0.347	ng		99
28) Fluoranthene	19.068	202	33452	0.364	ng		100
30) Pyrene	19.430	202	34630	0.407	ng		100
32) Benzo(a)anthracene	21.193	228	25370	0.366	ng		99
33) Chrysene	21.238	228	32082	0.390	ng		99
34) Bis(2-ethylhexyl)phtha...	21.095	149	14937	0.317	ng		99
36) Indeno(1,2,3-cd)pyrene	25.654	276	28321	0.372	ng		100
37) Benzo(b)fluoranthene	22.750	252	25696	0.387	ng		95
38) Benzo(k)fluoranthene	22.797	252	31389	0.410	ng		97
39) Benzo(a)pyrene	23.329	252	23528	0.374	ng		95
40) Dibenzo(a,h)anthracene	25.665	278	22358	0.370	ng		97
41) Benzo(g,h,i)perylene	26.338	276	25404	0.386	ng		97

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

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