Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080924\
Data File : BN033324.D
Acq On : 09 Aug 2024 19:32
Operator : MA/JU
Sample : PB162604BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162604BS

Quant Time: Aug 10 01:09:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:39:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.587	152	4048	0.400	ng		0.00
7) Naphthalene-d8	10.349	136	11253	0.400	ng		# 0.00
13) Acenaphthene-d10	14.212	164	6201	0.400	ng		0.00
19) Phenanthrene-d10	16.971	188	14645	0.400	ng		# 0.00
29) Chrysene-d12	21.174	240	12628	0.400	ng		0.00
35) Perylene-d12	23.355	264	14003	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.204	112	3615	0.339	ng		0.00
5) Phenol-d6	6.756	99	4953	0.340	ng		0.00
8) Nitrobenzene-d5	8.715	82	3055	0.445	ng		0.00
11) 2-Methylnaphthalene-d10	11.947	152	6467	0.369	ng		0.00
14) 2,4,6-Tribromophenol	15.704	330	848	0.338	ng		-0.01
15) 2-Fluorobiphenyl	12.844	172	10557	0.452	ng		0.00
27) Fluoranthene-d10	19.007	212	14725	0.365	ng		0.00
31) Terphenyl-d14	19.625	244	8473	0.389	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	1769	0.395	ng		93
3) n-Nitrosodimethylamine	3.492	42	2471	0.434	ng	#	84
6) bis(2-Chloroethyl)ether	7.016	93	4876	0.391	ng		97
9) Naphthalene	10.391	128	12858	0.407	ng		98
10) Hexachlorobutadiene	10.701	225	2558	0.441	ng	#	98
12) 2-Methylnaphthalene	12.019	142	8400	0.386	ng		99
16) Acenaphthylene	13.934	152	11821	0.391	ng		100
17) Acenaphthene	14.276	154	8246	0.429	ng		97
18) Fluorene	15.271	166	10775	0.420	ng		100
20) 4,6-Dinitro-2-methylph...	15.345	198	542	0.518	ng	#	43
21) 4-Bromophenyl-phenylether	16.176	248	3565	0.401	ng	#	78
22) Hexachlorobenzene	16.275	284	4140	0.443	ng		95
23) Atrazine	16.449	200	2347	0.320	ng	#	95
24) Pentachlorophenol	16.623	266	1188	0.363	ng		99
25) Phenanthrene	17.008	178	17558	0.414	ng		99
26) Anthracene	17.095	178	15147	0.367	ng		99
28) Fluoranthene	19.035	202	21044	0.394	ng		99
30) Pyrene	19.397	202	21487	0.433	ng		100
32) Benzo(a)anthracene	21.157	228	18788	0.383	ng		100
33) Chrysene	21.210	228	20377	0.429	ng		100
34) Bis(2-ethylhexyl)phtha...	21.139	149	7351	0.289	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.533	276	22088	0.361	ng		96
37) Benzo(b)fluoranthene	22.709	252	20293	0.390	ng		98
38) Benzo(k)fluoranthene	22.750	252	21663	0.429	ng		98
39) Benzo(a)pyrene	23.258	252	16229	0.351	ng		96
40) Dibenzo(a,h)anthracene	25.556	278	17627	0.364	ng		97
41) Benzo(g,h,i)perylene	26.188	276	20349	0.387	ng		97

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

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