Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100824\
Data File : BN034478.D
Acq On : 08 Oct 2024 19:12
Operator : RC/JU
Sample : PB163796BS
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB163796BS

Quant Time: Oct 09 00:55:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 26 14:44:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.380	152	4797	0.400	ng	-0.01
7) Naphthalene-d8	10.137	136	13583	0.400	ng	-0.01
13) Acenaphthene-d10	14.030	164	7310	0.400	ng	-0.02
19) Phenanthrene-d10	16.796	188	13458	0.400	ng	0.00
29) Chrysene-d12	21.017	240	9539	0.400	ng	0.00
35) Perylene-d12	23.125	264	10447	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.025	112	4870	0.358	ng	0.00
5) Phenol-d6	6.585	99	4724	0.298	ng	-0.01
8) Nitrobenzene-d5	8.525	82	3424	0.330	ng	-0.01
11) 2-Methylnaphthalene-d10	11.735	152	9642	0.481	ng	-0.02
14) 2,4,6-Tribromophenol	15.542	330	1111	0.335	ng	0.00
15) 2-Fluorobiphenyl	12.640	172	10202	0.343	ng	-0.02
27) Fluoranthene-d10	18.839	212	13066	0.385	ng	0.00
31) Terphenyl-d14	19.457	244	8549	0.449	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.032	88	1635	0.273	ng	# 19
3) n-Nitrosodimethylamine	3.328	42	1948	0.285	ng	# 79
6) bis(2-Chloroethyl)ether	6.824	93	4385	0.313	ng	95
9) Naphthalene	10.180	128	13926	0.374	ng	100
10) Hexachlorobutadiene	10.468	225	2968	0.423	ng	# 99
12) 2-Methylnaphthalene	11.814	142	8787	0.362	ng	99
16) Acenaphthylene	13.741	152	11646	0.372	ng	100
17) Acenaphthene	14.094	154	8319	0.371	ng	98
18) Fluorene	15.088	166	9665	0.328	ng	100
20) 4,6-Dinitro-2-methylph...	16.287	198	72	0.167	ng	# 1
21) 4-Bromophenyl-phenylether	16.002	248	2897	0.383	ng	96
22) Hexachlorobenzene	16.101	284	4044	0.477	ng	# 88
23) Atrazine	16.287	200	2215	0.353	ng	# 93
24) Pentachlorophenol	16.461	266	1753	0.625	ng	98
25) Phenanthrene	16.833	178	14294	0.370	ng	99
26) Anthracene	16.920	178	11986	0.380	ng	100
28) Fluoranthene	18.867	202	15874	0.355	ng	98
30) Pyrene	19.234	202	16528	0.411	ng	100
32) Benzo(a)anthracene	21.008	228	3921	0.130	ng	98
33) Chrysene	21.053	228	14498	0.403	ng	99
36) Indeno(1,2,3-cd)pyrene	25.192	276	17696	0.395	ng	95
37) Benzo(b)fluoranthene	22.505	252	14261	0.348	ng	93
38) Benzo(k)fluoranthene	22.546	252	16566	0.386	ng	95
39) Benzo(a)pyrene	23.034	252	13546	0.406	ng	94
40) Dibenzo(a,h)anthracene	25.209	278	13355	0.384	ng	95
41) Benzo(g,h,i)perylene	25.811	276	14738	0.377	ng	97

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

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