Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040824\
Data File : BN030783.D
Acq On : 08 Apr 2024 23:51
Operator : MA/JU
Sample : P2008-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP-100-20240404

Quant Time: Apr 09 04:28:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 00:04:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.689	152	4649	0.400	ng		-0.01
7) Naphthalene-d8	10.464	136	14648	0.400	ng		-0.02
13) Acenaphthene-d10	14.327	164	9447	0.400	ng		-0.01
19) Phenanthrene-d10	17.078	188	23429	0.400	ng		-0.01
29) Chrysene-d12	21.267	240	19409	0.400	ng		-0.02
35) Perylene-d12	23.507	264	15690	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.285	112	1437	0.142	ng		-0.01
5) Phenol-d6	6.859	99	880	0.068	ng		-0.01
8) Nitrobenzene-d5	8.841	82	2688	0.261	ng		-0.01
11) 2-Methylnaphthalene-d10	12.058	152	7213	0.322	ng		-0.02
14) 2,4,6-Tribromophenol	15.824	330	1250	0.350	ng		-0.01
15) 2-Fluorobiphenyl	12.948	172	9673	0.265	ng		-0.02
27) Fluoranthene-d10	19.108	212	25735	0.407	ng		-0.02
31) Terphenyl-d14	19.711	244	19036	0.425	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.226	88	21737	3.875	ng		97
6) bis(2-Chloroethyl)ether	7.119	93	384	0.030	ng		87
9) Naphthalene	10.517	128	1153	0.028	ng	#	80
10) Hexachlorobutadiene	10.795	225	379	0.046	ng	#	98
12) 2-Methylnaphthalene	12.134	142	1535	0.058	ng	#	92
17) Acenaphthene	14.391	154	621	0.021	ng		98
18) Fluorene	15.375	166	1239	0.032	ng		97
21) 4-Bromophenyl-phenylether	16.271	248	510	0.036	ng		87
22) Hexachlorobenzene	16.370	284	532	0.031	ng		97
24) Pentachlorophenol	16.718	266	45	0.178	ng	#	89
25) Phenanthrene	17.115	178	2479	0.036	ng		98
26) Anthracene	17.202	178	2015	0.035	ng		99
28) Fluoranthene	19.140	202	3545	0.043	ng	#	77
30) Pyrene	19.502	202	3147	0.041	ng		98
32) Benzo(a)anthracene	21.249	228	3507	0.051	ng		96
33) Chrysene	21.303	228	4063	0.055	ng		98
34) Bis(2-ethylhexyl)phtha...	21.187	149	7134	0.239	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.784	276	2687	0.039	ng		100
37) Benzo(b)fluoranthene	22.834	252	3501	0.055	ng	#	48
38) Benzo(k)fluoranthene	22.881	252	3436	0.054	ng	#	46
39) Benzo(a)pyrene	23.407	252	2334	0.046	ng	#	13
40) Dibenzo(a,h)anthracene	25.796	278	1971	0.036	ng	#	51
41) Benzo(g,h,i)perylene	26.460	276	2346	0.040	ng	#	73

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

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