Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062124\
Data File : BN032131.D
Acq On : 21 Jun 2024 14:57
Operator : MA/JU
Sample : PB161619BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161619BS

Quant Time: Jun 21 15:52:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.639	152	9083	0.400	ng		0.00
7) Naphthalene-d8	10.421	136	31872	0.400	ng		# 0.00
13) Acenaphthene-d10	14.274	164	21106	0.400	ng		-0.01
19) Phenanthrene-d10	17.029	188	43473	0.400	ng		# 0.00
29) Chrysene-d12	21.229	240	27479	0.400	ng		# 0.00
35) Perylene-d12	23.455	264	24247	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.241	112	8760	0.339	ng		0.00
5) Phenol-d6	6.823	99	12196	0.360	ng		0.00
8) Nitrobenzene-d5	8.798	82	9234	0.349	ng		0.00
11) 2-Methylnaphthalene-d10	12.013	152	20129	0.397	ng		0.00
14) 2,4,6-Tribromophenol	15.787	330	3549	0.351	ng		0.00
15) 2-Fluorobiphenyl	12.895	172	31196	0.390	ng		-0.01
27) Fluoranthene-d10	19.068	212	40195	0.340	ng		0.00
31) Terphenyl-d14	19.672	244	30253	0.450	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.197	88	4693	0.422	ng		98
3) n-Nitrosodimethylamine	3.515	42	3258	0.308	ng	#	98
6) bis(2-Chloroethyl)ether	7.076	93	9344	0.320	ng		97
9) Naphthalene	10.464	128	33465	0.390	ng		100
10) Hexachlorobutadiene	10.741	225	6353	0.424	ng	#	99
12) 2-Methylnaphthalene	12.089	142	24064	0.410	ng		100
16) Acenaphthylene	13.996	152	36263	0.373	ng		100
17) Acenaphthene	14.338	154	24173	0.386	ng		100
18) Fluorene	15.333	166	31345	0.375	ng		100
20) 4,6-Dinitro-2-methylph...	15.440	198	836	0.266	ng	#	45
21) 4-Bromophenyl-phenylether	16.222	248	10348	0.420	ng	#	82
22) Hexachlorobenzene	16.334	284	11384	0.445	ng		98
23) Atrazine	16.507	200	7934	0.351	ng		97
24) Pentachlorophenol	16.694	266	3305	0.374	ng		99
25) Phenanthrene	17.066	178	47548	0.394	ng		100
26) Anthracene	17.165	178	42831	0.383	ng		100
28) Fluoranthene	19.100	202	51965	0.355	ng		99
30) Pyrene	19.463	202	51959	0.476	ng		100
32) Benzo(a)anthracene	21.211	228	39968	0.386	ng		99
33) Chrysene	21.265	228	39686	0.406	ng		98
34) Bis(2-ethylhexyl)phtha...	21.139	149	35562	0.503	ng		99
36) Indeno(1,2,3-cd)pyrene	25.697	276	38458	0.425	ng		99
37) Benzo(b)fluoranthene	22.785	252	37850	0.428	ng		98
38) Benzo(k)fluoranthene	22.829	252	35877	0.429	ng		97
39) Benzo(a)pyrene	23.358	252	30633	0.402	ng		96
40) Dibenzo(a,h)anthracene	25.709	278	30689	0.431	ng		99
41) Benzo(g,h,i)perylene	26.384	276	32157	0.420	ng		98

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

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