Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110824\
Data File : BN034909.D
Acq On : 08 Nov 2024 15:29
Operator : RC/JU
Sample : PB164705BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB164705BSD

Quant Time: Nov 08 16:32:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 15:02:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	6255	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	17867	0.400	ng	0.00
13) Acenaphthene-d10	14.208	164	7947	0.400	ng	0.00
19) Phenanthrene-d10	16.952	188	15963	0.400	ng	# 0.00
29) Chrysene-d12	21.149	240	9019	0.400	ng	0.00
35) Perylene-d12	23.315	264	6770	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.199	112	5431	0.312	ng	0.00
5) Phenol-d6	6.752	99	7335	0.317	ng	0.00
8) Nitrobenzene-d5	8.707	82	4586	0.329	ng	0.00
11) 2-Methylnaphthalene-d10	11.935	152	9605	0.394	ng	0.00
14) 2,4,6-Tribromophenol	15.698	330	611	0.301	ng	0.00
15) 2-Fluorobiphenyl	12.829	172	11409	0.340	ng	0.00
27) Fluoranthene-d10	18.990	212	11847	0.329	ng	0.00
31) Terphenyl-d14	19.598	244	6403	0.379	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.184	88	2247	0.284	ng	# 51
3) n-Nitrosodimethylamine	3.480	42	3623	0.340	ng	# 99
6) bis(2-Chloroethyl)ether	7.012	93	6846	0.343	ng	99
9) Naphthalene	10.383	128	16732	0.337	ng	99
10) Hexachlorobutadiene	10.682	225	2580	0.326	ng	# 98
12) 2-Methylnaphthalene	12.007	142	9903	0.326	ng	100
16) Acenaphthylene	13.919	152	12955	0.338	ng	100
17) Acenaphthene	14.272	154	8662	0.327	ng	100
18) Fluorene	15.255	166	10701	0.324	ng	100
20) 4,6-Dinitro-2-methylph...	15.341	198	457	0.330	ng	# 56
21) 4-Bromophenyl-phenylether	16.157	248	2716	0.319	ng	# 92
22) Hexachlorobenzene	16.269	284	3428	0.335	ng	99
23) Atrazine	16.431	200	1938	0.314	ng	95
24) Pentachlorophenol	16.604	266	1379	0.524	ng	96
25) Phenanthrene	16.989	178	17079	0.349	ng	99
26) Anthracene	17.076	178	14866	0.352	ng	100
28) Fluoranthene	19.018	202	16670	0.324	ng	99
30) Pyrene	19.380	202	16547	0.362	ng	100
32) Benzo(a)anthracene	21.131	228	12354	0.351	ng	100
33) Chrysene	21.185	228	13618	0.366	ng	98
34) Bis(2-ethylhexyl)phtha...	21.086	149	5786	0.287	ng	99
36) Indeno(1,2,3-cd)pyrene	25.470	276	10193	0.338	ng	98
37) Benzo(b)fluoranthene	22.669	252	11423	0.384	ng	98
38) Benzo(k)fluoranthene	22.713	252	11176	0.361	ng	99
39) Benzo(a)pyrene	23.219	252	8976	0.380	ng	99
40) Dibenzo(a,h)anthracene	25.488	278	7869	0.337	ng	98
41) Benzo(g,h,i)perylene	26.125	276	8331	0.336	ng	98

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

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