Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070924\
Data File : BN032567.D
Acq On : 09 Jul 2024 01:52
Operator : MA/JU
Sample : PB161896BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161896BSD

Quant Time: Jul 09 03:14:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 02:39:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.588	152	4375	0.400	ng		0.00
7) Naphthalene-d8	10.378	136	13767	0.400	ng		0.00
13) Acenaphthene-d10	14.231	164	9772	0.400	ng		0.00
19) Phenanthrene-d10	17.004	188	21923	0.400	ng		0.00
29) Chrysene-d12	21.211	240	19263	0.400	ng		0.00
35) Perylene-d12	23.420	264	19665	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.212	112	4007	0.362	ng		0.00
5) Phenol-d6	6.823	99	4660	0.330	ng		0.00
8) Nitrobenzene-d5	8.798	82	3433	0.334	ng		0.00
11) 2-Methylnaphthalene-d10	11.986	152	8496	0.390	ng		0.00
14) 2,4,6-Tribromophenol	15.763	330	1475	0.333	ng		0.00
15) 2-Fluorobiphenyl	12.874	172	13239	0.368	ng		0.01
27) Fluoranthene-d10	19.045	212	22004	0.385	ng		0.00
31) Terphenyl-d14	19.653	244	16829	0.358	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.161	88	2176	0.378	ng		99
3) n-Nitrosodimethylamine	3.486	42	1577	0.377	ng		100
6) bis(2-Chloroethyl)ether	7.047	93	3385	0.360	ng		99
9) Naphthalene	10.421	128	14514	0.386	ng		99
10) Hexachlorobutadiene	10.667	225	2919	0.390	ng	#	99
12) 2-Methylnaphthalene	12.062	142	9759	0.388	ng		100
16) Acenaphthylene	13.953	152	14621	0.347	ng		100
17) Acenaphthene	14.296	154	10966	0.375	ng		100
18) Fluorene	15.301	166	14647	0.382	ng		99
20) 4,6-Dinitro-2-methylph...	15.493	198	501	0.344	ng		96
21) 4-Bromophenyl-phenylether	16.197	248	4967	0.381	ng		98
22) Hexachlorobenzene	16.296	284	5462	0.381	ng		99
23) Atrazine	16.482	200	3642	0.358	ng		99
24) Pentachlorophenol	16.694	266	1410	0.383	ng		98
25) Phenanthrene	17.041	178	22331	0.375	ng		100
26) Anthracene	17.140	178	16875	0.352	ng		99
28) Fluoranthene	19.072	202	27394	0.381	ng		100
30) Pyrene	19.439	202	28616	0.365	ng		100
32) Benzo(a)anthracene	21.193	228	21408	0.336	ng		99
33) Chrysene	21.247	228	30740	0.406	ng		99
34) Bis(2-ethylhexyl)phtha...	21.095	149	13575	0.314	ng		100
36) Indeno(1,2,3-cd)pyrene	25.662	276	26087	0.347	ng		99
37) Benzo(b)fluoranthene	22.756	252	25060	0.382	ng		97
38) Benzo(k)fluoranthene	22.800	252	30090	0.399	ng		98
39) Benzo(a)pyrene	23.332	252	22999	0.371	ng		96
40) Dibenzo(a,h)anthracene	25.677	278	20302	0.341	ng		98
41) Benzo(g,h,i)perylene	26.349	276	22898	0.353	ng		97

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

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