Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072024\
Data File : BN032877.D
Acq On : 20 Jul 2024 15:22
Operator : MA/JU
Sample : PB162139BS
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162139BS

Quant Time: Jul 22 00:42:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 21 23:33:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.530	152	4569	0.400	ng	0.00
7) Naphthalene-d8	10.304	136	15725	0.400	ng	0.00
13) Acenaphthene-d10	14.178	164	8472	0.400	ng	0.00
19) Phenanthrene-d10	16.954	188	13032	0.400	ng	0.00
29) Chrysene-d12	21.166	240	10747	0.400	ng	0.00
35) Perylene-d12	23.358	264	12947	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.176	112	5023	0.435	ng	0.00
5) Phenol-d6	6.779	99	6607	0.461	ng	0.00
8) Nitrobenzene-d5	8.723	82	4821	0.407	ng	-0.01
11) 2-Methylnaphthalene-d10	11.911	152	9301	0.387	ng	0.00
14) 2,4,6-Tribromophenol	15.713	330	1110	0.307	ng	-0.01
15) 2-Fluorobiphenyl	12.799	172	13037	0.413	ng	-0.01
27) Fluoranthene-d10	18.993	212	12402	0.368	ng	0.00
31) Terphenyl-d14	19.593	244	8553	0.388	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.118	88	1964	0.347	ng	# 91
3) n-Nitrosodimethylamine	3.457	42	1881	0.393	ng	# 98
6) bis(2-Chloroethyl)ether	6.989	93	5200	0.433	ng	95
9) Naphthalene	10.357	128	16999	0.390	ng	99
10) Hexachlorobutadiene	10.603	225	3385	0.407	ng	# 100
12) 2-Methylnaphthalene	11.986	142	10409	0.366	ng	99
16) Acenaphthylene	13.900	152	13799	0.400	ng	100
17) Acenaphthene	14.242	154	9361	0.383	ng	98
18) Fluorene	15.247	166	10870	0.333	ng	99
21) 4-Bromophenyl-phenylether	16.135	248	3240m	0.423	ng	
22) Hexachlorobenzene	16.247	284	3666	0.428	ng	99
23) Atrazine	16.433	200	2554	0.453	ng	96
24) Pentachlorophenol	16.644	266	1052	0.330	ng	99
25) Phenanthrene	16.991	178	13084	0.367	ng	99
26) Anthracene	17.091	178	10866	0.371	ng	100
28) Fluoranthene	19.021	202	15308	0.355	ng	99
30) Pyrene	19.388	202	15824	0.360	ng	100
32) Benzo(a)anthracene	21.148	228	13816	0.407	ng	97
33) Chrysene	21.202	228	15960	0.395	ng	98
34) Bis(2-ethylhexyl)phtha...	21.050	149	11738m	0.624	ng	
36) Indeno(1,2,3-cd)pyrene	25.569	276	19849	0.389	ng	99
37) Benzo(b)fluoranthene	22.698	252	15988	0.355	ng	97
38) Benzo(k)fluoranthene	22.741	252	17433	0.338	ng	97
39) Benzo(a)pyrene	23.268	252	15053	0.370	ng	99
40) Dibenzo(a,h)anthracene	25.569	278	15947	0.396	ng	96
41) Benzo(g,h,i)perylene	26.250	276	16974	0.380	ng	96

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

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