Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
Data File : BN033049.D
Acq On : 28 Jul 2024 01:04
Operator : MA/JU
Sample : PB162161BSD
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162161BSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 29 01:10:34 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	7.524	152	2334	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	8751	0.400	ng	0.02
13) Acenaphthene-d10	14.158	164	6204	0.400	ng	-0.02
19) Phenanthrene-d10	16.945	188	13394	0.400	ng	0.00
29) Chrysene-d12	21.152	240	12376	0.400	ng	-0.01
35) Perylene-d12	23.344	264	13656	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.228	112	2643m	0.448	ng	0.05
5) Phenol-d6	6.874	99	4017m	0.548	ng	0.10
8) Nitrobenzene-d5	8.824	82	2542m	0.386	ng	0.09
11) 2-Methylnaphthalene-d10	11.927	152	5406	0.404	ng	0.01
14) 2,4,6-Tribromophenol	15.729	330	886	0.334	ng	0.00
15) 2-Fluorobiphenyl	12.811	172	7238	0.313	ng	0.00
27) Fluoranthene-d10	18.987	212	13341	0.385	ng	0.00
31) Terphenyl-d14	19.591	244	9410	0.371	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.097	88	1370	0.474	ng	# 90
3) n-Nitrosodimethylamine	3.466	42	678	0.277	ng	# 91
6) bis(2-Chloroethyl)ether	7.026	93	2527m	0.412	ng	
9) Naphthalene	10.372	128	9190	0.379	ng	97
10) Hexachlorobutadiene	10.565	225	1899	0.410	ng	# 99
12) 2-Methylnaphthalene	12.007	142	5716	0.361	ng	95
16) Acenaphthylene	13.891	152	9080	0.360	ng	99
17) Acenaphthene	14.222	154	6595	0.369	ng	99
18) Fluorene	15.238	166	8764	0.367	ng	100
20) 4,6-Dinitro-2-methylph...	15.542	198	234m	0.373	ng	
21) 4-Bromophenyl-phenylether	16.138	248	2627	0.334	ng	96
22) Hexachlorobenzene	16.237	284	3246	0.368	ng	99
23) Atrazine	16.436	200	2069	0.357	ng	95
24) Pentachlorophenol	16.647	266	921	0.281	ng	99
25) Phenanthrene	16.982	178	12726	0.348	ng	100
26) Anthracene	17.094	178	8415	0.279	ng	100
28) Fluoranthene	19.020	202	15940	0.360	ng	99
30) Pyrene	19.382	202	16736	0.331	ng	100
32) Benzo(a)anthracene	21.143	228	12153	0.311	ng	99
33) Chrysene	21.196	228	18178	0.391	ng	99
34) Bis(2-ethylhexyl)phtha...	21.026	149	11268m	0.520	ng	
36) Indeno(1,2,3-cd)pyrene	25.563	276	17128	0.318	ng	99
37) Benzo(b)fluoranthene	22.689	252	14361	0.302	ng	97
38) Benzo(k)fluoranthene	22.733	252	18421m	0.339	ng	
39) Benzo(a)pyrene	23.259	252	14046	0.327	ng	96
40) Dibenzo(a,h)anthracene	25.563	278	13737	0.323	ng	98
41) Benzo(g,h,i)perylene	26.235	276	15241	0.324	ng	97

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

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