Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
Data File : BN033560.D
Acq On : 22 Aug 2024 19:32
Operator : MA/JU
Sample : PB162844BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 23 00:03:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB162844BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
08/23/2024
Supervised By :mohammad ahmed
08/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	7890	0.400	ng	-0.01
7) Naphthalene-d8	10.304	136	19993	0.400	ng	-0.01
13) Acenaphthene-d10	14.178	164	8878	0.400	ng	-0.01
19) Phenanthrene-d10	16.929	188	16514	0.400	ng	-0.01
29) Chrysene-d12	21.139	240	13670	0.400	ng	0.00
35) Perylene-d12	23.306	264	15332	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	7964	0.318	ng	0.00
5) Phenol-d6	6.736	99	9279	0.311	ng	0.00
8) Nitrobenzene-d5	8.681	82	6069	0.366	ng	-0.01
11) 2-Methylnaphthalene-d10	11.903	152	15074m	0.527	ng	-0.01
14) 2,4,6-Tribromophenol	15.676	330	1408	0.295	ng	-0.01
15) 2-Fluorobiphenyl	12.799	172	14108	0.389	ng	-0.01
27) Fluoranthene-d10	18.970	212	15243	0.384	ng	-0.01
31) Terphenyl-d14	19.588	244	10807	0.348	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.183	88	2810	0.310	ng	# 47
3) n-Nitrosodimethylamine	3.472	42	3560	0.337	ng	# 95
6) bis(2-Chloroethyl)ether	6.982	93	8600	0.407	ng	99
9) Naphthalene	10.357	128	20474	0.383	ng	99
10) Hexachlorobutadiene	10.656	225	4034	0.379	ng	# 98
12) 2-Methylnaphthalene	11.979	142	12637	0.374	ng	99
16) Acenaphthylene	13.900	152	15588	0.400	ng	100
17) Acenaphthene	14.242	154	10346	0.378	ng	98
18) Fluorene	15.236	166	12329	0.357	ng	99
20) 4,6-Dinitro-2-methylph...	15.322	198	554	0.215	ng	# 85
21) 4-Bromophenyl-phenylether	16.135	248	3806	0.379	ng	95
22) Hexachlorobenzene	16.247	284	4268	0.385	ng	98
23) Atrazine	16.408	200	3050	0.381	ng	97
24) Pentachlorophenol	16.594	266	3689	0.769	ng	98
25) Phenanthrene	16.967	178	18445	0.401	ng	100
26) Anthracene	17.066	178	16636	0.409	ng	100
28) Fluoranthene	19.003	202	20174	0.397	ng	100
30) Pyrene	19.365	202	21017	0.344	ng	99
32) Benzo(a)anthracene	21.121	228	21847	0.442	ng	99
33) Chrysene	21.175	228	21912	0.446	ng	99
34) Bis(2-ethylhexyl)phtha...	21.086	149	11784m	0.377	ng	
36) Indeno(1,2,3-cd)pyrene	25.458	276	28880	0.454	ng	99
37) Benzo(b)fluoranthene	22.663	252	23576	0.412	ng	98
38) Benzo(k)fluoranthene	22.706	252	24037	0.427	ng	98
39) Benzo(a)pyrene	23.212	252	22249	0.470	ng	99
40) Dibenzo(a,h)anthracene	25.472	278	22589	0.444	ng	98
41) Benzo(g,h,i)perylene	26.110	276	22443	0.412	ng	99

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

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