Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082624\
Data File : BN033620.D
Acq On : 26 Aug 2024 13:56
Operator : MA/JU
Sample : PB162941BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 26 14:27:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 00:22:18 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB162941BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/27/2024
Supervised By :mohammad ahmed 08/28/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.538	152	5964	0.400	ng	0.00
7) Naphthalene-d8	10.304	136	16631	0.400	ng	# 0.00
13) Acenaphthene-d10	14.178	164	8622	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	18234	0.400	ng	0.00
29) Chrysene-d12	21.139	240	17064	0.400	ng	# 0.00
35) Perylene-d12	23.303	264	20017	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.176	112	7280	0.384	ng	0.00
5) Phenol-d6	6.729	99	9088	0.403	ng	0.00
8) Nitrobenzene-d5	8.670	82	5483	0.398	ng	-0.01
11) 2-Methylnaphthalene-d10	11.899	152	9447	0.397	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	2046	0.441	ng	0.00
15) 2-Fluorobiphenyl	12.788	172	13211	0.375	ng	-0.01
27) Fluoranthene-d10	18.970	212	19622	0.448	ng	0.00
31) Terphenyl-d14	19.583	244	13776	0.355	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	2481	0.362	ng	97
3) n-Nitrosodimethylamine	3.472	42	2855	0.358	ng	# 95
6) bis(2-Chloroethyl)ether	6.974	93	6596	0.413	ng	99
9) Naphthalene	10.346	128	17000	0.383	ng	100
10) Hexachlorobutadiene	10.645	225	3412	0.385	ng	# 100
12) 2-Methylnaphthalene	11.971	142	10836	0.385	ng	99
16) Acenaphthylene	13.889	152	14273	0.377	ng	100
17) Acenaphthene	14.242	154	9821	0.369	ng	98
18) Fluorene	15.236	166	12524	0.374	ng	99
20) 4,6-Dinitro-2-methylph...	15.311	198	1062	0.373	ng	# 1
21) 4-Bromophenyl-phenylether	16.135	248	4120	0.372	ng	# 91
22) Hexachlorobenzene	16.234	284	4611	0.377	ng	97
23) Atrazine	16.408	200	3784	0.428	ng	99
24) Pentachlorophenol	16.582	266	2407	0.454	ng	97
25) Phenanthrene	16.967	178	19391	0.382	ng	99
26) Anthracene	17.053	178	17673	0.394	ng	99
28) Fluoranthene	18.998	202	23730	0.423	ng	99
30) Pyrene	19.360	202	24923	0.327	ng	100
32) Benzo(a)anthracene	21.121	228	24904	0.404	ng	99
33) Chrysene	21.175	228	23887	0.390	ng	99
34) Bis(2-ethylhexyl)phtha...	21.077	149	18789m	0.481	ng	
36) Indeno(1,2,3-cd)pyrene	25.455	276	29931	0.360	ng	97
37) Benzo(b)fluoranthene	22.663	252	27364	0.366	ng	98
38) Benzo(k)fluoranthene	22.703	252	25932	0.352	ng	98
39) Benzo(a)pyrene	23.209	252	23705	0.383	ng	100
40) Dibenzo(a,h)anthracene	25.472	278	24026	0.362	ng	97
41) Benzo(g,h,i)perylene	26.104	276	25038	0.352	ng	99

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

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