Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
Data File : BN033565.D
Acq On : 22 Aug 2024 23:16
Operator : MA/JU
Sample : PB162880BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 23 01:35:34 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 :
PB162880BS

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	7155	0.400	ng		0.00
7) Naphthalene-d8	10.304	136	18004	0.400	ng		0.00
13) Acenaphthene-d10	14.178	164	7779	0.400	ng		0.00
19) Phenanthrene-d10	16.929	188	14031	0.400	ng		0.00
29) Chrysene-d12	21.139	240	11303	0.400	ng		0.00
35) Perylene-d12	23.306	264	12304	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.183	112	6507	0.286	ng		0.00
5) Phenol-d6	6.729	99	7506	0.277	ng		0.00
8) Nitrobenzene-d5	8.681	82	5348	0.358	ng		0.00
11) 2-Methylnaphthalene-d10	11.903	152	9553	0.371	ng		0.00
14) 2,4,6-Tribromophenol	15.676	330	994	0.238	ng		0.00
15) 2-Fluorobiphenyl	12.799	172	12251	0.386	ng		0.00
27) Fluoranthene-d10	18.970	212	11978	0.355	ng		0.00
31) Terphenyl-d14	19.583	244	8223	0.320	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.183	88	2449	0.297	ng	#	33
3) n-Nitrosodimethylamine	3.472	42	3380	0.353	ng		96
6) bis(2-Chloroethyl)ether	6.982	93	7270	0.379	ng		99
9) Naphthalene	10.357	128	17274	0.359	ng		100
10) Hexachlorobutadiene	10.656	225	3481	0.363	ng	#	99
12) 2-Methylnaphthalene	11.975	142	10529	0.346	ng		99
16) Acenaphthylene	13.889	152	12488	0.366	ng		100
17) Acenaphthene	14.242	154	8510	0.355	ng		98
18) Fluorene	15.236	166	9948	0.329	ng		99
20) 4,6-Dinitro-2-methylph...	15.322	198	441	0.201	ng		92
21) 4-Bromophenyl-phenylether	16.135	248	3018	0.354	ng	#	94
22) Hexachlorobenzene	16.247	284	3380	0.359	ng		97
23) Atrazine	16.408	200	2329	0.342	ng		96
24) Pentachlorophenol	16.582	266	2405	0.590	ng		98
25) Phenanthrene	16.967	178	14592	0.374	ng		100
26) Anthracene	17.066	178	12872	0.373	ng		100
28) Fluoranthene	19.003	202	15390	0.357	ng		99
30) Pyrene	19.365	202	16143	0.320	ng		100
32) Benzo(a)anthracene	21.121	228	14824	0.363	ng		99
33) Chrysene	21.175	228	15485	0.381	ng		99
34) Bis(2-ethylhexyl)phtha...	21.086	149	7460m	0.288	ng		
36) Indeno(1,2,3-cd)pyrene	25.455	276	19993	0.391	ng		99
37) Benzo(b)fluoranthene	22.663	252	16288	0.354	ng		99
38) Benzo(k)fluoranthene	22.706	252	16223	0.359	ng		97
39) Benzo(a)pyrene	23.212	252	14972	0.394	ng		99
40) Dibenzo(a,h)anthracene	25.475	278	15651	0.383	ng		97
41) Benzo(g,h,i)perylene	26.104	276	15878	0.364	ng		99

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

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