Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102424\
Data File : BN034706.D
Acq On : 25 Oct 2024 00:02
Operator : RC/JU
Sample : PB164282BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 25 02:08:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 24 13:17:02 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB164282BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.712	152	6277	0.400	ng	0.00
7) Naphthalene-d8	10.479	136	17435	0.400	ng	0.00
13) Acenaphthene-d10	14.318	164	7557	0.400	ng	-0.01
19) Phenanthrene-d10	17.056	188	13505	0.400	ng	#-0.01
29) Chrysene-d12	21.241	240	7661	0.400	ng	# 0.00
35) Perylene-d12	23.461	264	6455	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.321	112	5611	0.301	ng	0.00
5) Phenol-d6	6.881	99	7614	0.309	ng	0.00
8) Nitrobenzene-d5	8.845	82	4924	0.337	ng	0.00
11) 2-Methylnaphthalene-d10	12.071	152	11948m	0.498	ng	0.00
14) 2,4,6-Tribromophenol	15.815	330	563	0.241	ng	0.00
15) 2-Fluorobiphenyl	12.950	172	10877	0.362	ng	0.00
27) Fluoranthene-d10	19.094	212	10197	0.335	ng	0.00
31) Terphenyl-d14	19.703	244	5692	0.364	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.285	88	2475	0.296	ng	# 46
3) n-Nitrosodimethylamine	3.581	42	4401	0.362	ng	96
6) bis(2-Chloroethyl)ether	7.141	93	7177	0.359	ng	99
9) Naphthalene	10.532	128	16863	0.350	ng	100
10) Hexachlorobutadiene	10.831	225	2523	0.349	ng	# 98
12) 2-Methylnaphthalene	12.143	142	10035	0.335	ng	99
16) Acenaphthylene	14.040	152	12822	0.353	ng	100
17) Acenaphthene	14.382	154	8528	0.341	ng	98
18) Fluorene	15.377	166	9962	0.323	ng	99
20) 4,6-Dinitro-2-methylph...	15.441	198	538	0.286	ng	# 56
21) 4-Bromophenyl-phenylether	16.262	248	2561	0.356	ng	# 61
22) Hexachlorobenzene	16.374	284	2810	0.360	ng	97
23) Atrazine	16.535	200	1814	0.321	ng	# 88
24) Pentachlorophenol	16.721	266	1431	0.518	ng	98
25) Phenanthrene	17.106	178	14856	0.366	ng	100
26) Anthracene	17.193	178	13024	0.362	ng	100
28) Fluoranthene	19.122	202	14119	0.334	ng	99
30) Pyrene	19.484	202	14340	0.364	ng	99
32) Benzo(a)anthracene	21.232	228	10619	0.363	ng	99
33) Chrysene	21.277	228	11699	0.386	ng	98
34) Bis(2-ethylhexyl)phtha...	21.187	149	5670	0.341	ng	# 100
36) Indeno(1,2,3-cd)pyrene	25.688	276	10806	0.435	ng	98
37) Benzo(b)fluoranthene	22.797	252	10399	0.403	ng	94
38) Benzo(k)fluoranthene	22.841	252	10151	0.399	ng	96
39) Benzo(a)pyrene	23.364	252	8689	0.420	ng	95
40) Dibenzo(a,h)anthracene	25.706	278	8269	0.422	ng	97
41) Benzo(g,h,i)perylene	26.361	276	8830	0.408	ng	97

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

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