Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102424\
Data File : BN034711.D
Acq On : 25 Oct 2024 03:02
Operator : RC/JU
Sample : PB164282BSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 25 04:20:43 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 :
PB164282BSD

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	5974	0.400	ng	0.00
7) Naphthalene-d8	10.479	136	16564	0.400	ng	0.00
13) Acenaphthene-d10	14.329	164	7143	0.400	ng	0.00
19) Phenanthrene-d10	17.057	188	13002	0.400	ng	#-0.01
29) Chrysene-d12	21.241	240	7027	0.400	ng	# 0.00
35) Perylene-d12	23.458	264	5873	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.322	112	5283	0.297	ng	0.00
5) Phenol-d6	6.882	99	7080	0.302	ng	0.00
8) Nitrobenzene-d5	8.845	82	4660	0.335	ng	0.00
11) 2-Methylnaphthalene-d10	12.071	152	11354m	0.499	ng	0.00
14) 2,4,6-Tribromophenol	15.815	330	521	0.236	ng	0.00
15) 2-Fluorobiphenyl	12.950	172	10106	0.356	ng	0.00
27) Fluoranthene-d10	19.094	212	9709	0.332	ng	0.00
31) Terphenyl-d14	19.703	244	5323	0.371	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.285	88	2435	0.306	ng	# 53
3) n-Nitrosodimethylamine	3.581	42	4293	0.371	ng	96
6) bis(2-Chloroethyl)ether	7.142	93	6795	0.357	ng	99
9) Naphthalene	10.532	128	15953	0.348	ng	99
10) Hexachlorobutadiene	10.831	225	2383	0.347	ng	# 97
12) 2-Methylnaphthalene	12.143	142	9409	0.331	ng	98
16) Acenaphthylene	14.040	152	12085	0.352	ng	99
17) Acenaphthene	14.382	154	7997	0.338	ng	98
18) Fluorene	15.377	166	9417	0.323	ng	100
20) 4,6-Dinitro-2-methylph...	15.441	198	532	0.294	ng	# 60
21) 4-Bromophenyl-phenylether	16.262	248	2358	0.340	ng	# 62
22) Hexachlorobenzene	16.374	284	2677	0.356	ng	98
23) Atrazine	16.535	200	1782	0.327	ng	# 89
24) Pentachlorophenol	16.721	266	1302	0.490	ng	99
25) Phenanthrene	17.106	178	14207	0.364	ng	100
26) Anthracene	17.193	178	12435	0.359	ng	100
28) Fluoranthene	19.122	202	13425	0.329	ng	100
30) Pyrene	19.484	202	13610	0.377	ng	99
32) Benzo(a)anthracene	21.232	228	9893	0.369	ng	99
33) Chrysene	21.277	228	11013	0.396	ng	98
34) Bis(2-ethylhexyl)phtha...	21.187	149	5309	0.349	ng	# 96
36) Indeno(1,2,3-cd)pyrene	25.683	276	9709	0.429	ng	96
37) Benzo(b)fluoranthene	22.797	252	9630	0.411	ng	94
38) Benzo(k)fluoranthene	22.841	252	9277m	0.401	ng	
39) Benzo(a)pyrene	23.367	252	8133	0.432	ng	# 93
40) Dibenzo(a,h)anthracene	25.703	278	7436	0.417	ng	96
41) Benzo(g,h,i)perylene	26.364	276	7954	0.404	ng	97

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

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