Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
Data File : BN036680.D
Acq On : 18 Mar 2025 04:16
Operator : RC/JU
Sample : PB167159BSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB167159BSD

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/18/2025
Supervised By :Jagrut Upadhyay 03/18/2025

Quant Time: Mar 18 05:22:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1799	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4271	0.400	ng	-0.01
13) Acenaphthene-d10	14.355	164	2251	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	4157	0.400	ng	-0.01
29) Chrysene-d12	21.295	240	2623	0.400	ng	0.00
35) Perylene-d12	23.543	264	2261	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	1820	0.434	ng	0.00
5) Phenol-d6	6.886	99	2092	0.404	ng	-0.01
8) Nitrobenzene-d5	8.864	82	1743	0.375	ng	-0.01
11) 2-Methylnaphthalene-d10	12.096	152	2512m	0.395	ng	-0.02
14) 2,4,6-Tribromophenol	15.858	330	376	0.368	ng	0.00
15) 2-Fluorobiphenyl	12.978	172	5679	0.434	ng	-0.01
27) Fluoranthene-d10	19.136	212	4030	0.378	ng	0.00
31) Terphenyl-d14	19.740	244	2694	0.429	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	760	0.381	ng	# 30
3) n-Nitrosodimethylamine	3.543	42	1942	0.481	ng	# 87
6) bis(2-Chloroethyl)ether	7.139	93	2145	0.401	ng	98
9) Naphthalene	10.551	128	5272	0.420	ng	100
10) Hexachlorobutadiene	10.840	225	1272	0.430	ng	# 97
12) 2-Methylnaphthalene	12.172	142	3367	0.421	ng	99
16) Acenaphthylene	14.067	152	4978	0.469	ng	99
17) Acenaphthene	14.420	154	3108	0.447	ng	99
18) Fluorene	15.403	166	4054	0.431	ng	99
20) 4,6-Dinitro-2-methylph...	15.499	198	311	0.439	ng	85
21) 4-Bromophenyl-phenylether	16.304	248	1135	0.436	ng	# 82
22) Hexachlorobenzene	16.416	284	1408	0.448	ng	94
23) Atrazine	16.577	200	1005	0.481	ng	95
24) Pentachlorophenol	16.764	266	942	0.657	ng	98
25) Phenanthrene	17.136	178	5745	0.461	ng	100
26) Anthracene	17.235	178	5301	0.471	ng	99
28) Fluoranthene	19.164	202	5883	0.420	ng	98
30) Pyrene	19.527	202	6026	0.470	ng	100
32) Benzo(a)anthracene	21.277	228	3958	0.434	ng	99
33) Chrysene	21.331	228	4801	0.482	ng	99
34) Bis(2-ethylhexyl)phtha...	21.205	149	2813	0.433	ng	97
36) Indeno(1,2,3-cd)pyrene	25.826	276	3886	0.476	ng	96
37) Benzo(b)fluoranthene	22.864	252	3639	0.442	ng	97
38) Benzo(k)fluoranthene	22.908	252	4167m	0.483	ng	
39) Benzo(a)pyrene	23.446	252	3391	0.489	ng	96
40) Dibenzo(a,h)anthracene	25.846	278	3209	0.505	ng	95
41) Benzo(g,h,i)perylene	26.516	276	3330	0.458	ng	98

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

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