Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
Data File : BN037281.D
Acq On : 15 Jun 2025 03:18
Operator : RC/JU
Sample : PB168476BSD
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168476BSD

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 06/16/2025
Supervised By :Jagrut Upadhyay 06/16/2025

Quant Time: Jun 16 02:47:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 13 18:43:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	1070	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	2630	0.400	ng	#-0.01
13) Acenaphthene-d10	14.223	164	1332	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2256	0.400	ng	0.00
29) Chrysene-d12	21.170	240	1565	0.400	ng	0.00
35) Perylene-d12	23.354	264	1276	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	878	0.334	ng	0.00
5) Phenol-d6	6.758	99	923	0.333	ng	0.00
8) Nitrobenzene-d5	8.728	82	885	0.340	ng	0.00
11) 2-Methylnaphthalene-d10	11.950	152	1401m	0.397	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	175	0.316	ng	0.00
15) 2-Fluorobiphenyl	12.842	172	2000	0.357	ng	0.00
27) Fluoranthene-d10	19.012	212	1905	0.323	ng	0.00
31) Terphenyl-d14	19.625	244	1269	0.359	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.104	88	411	0.280	ng	# 1
3) n-Nitrosodimethylamine	3.415	42	1162	0.347	ng	# 98
6) bis(2-Chloroethyl)ether	7.011	93	840	0.339	ng	98
9) Naphthalene	10.404	128	2636	0.346	ng	99
10) Hexachlorobutadiene	10.692	225	689	0.372	ng	# 100
12) 2-Methylnaphthalene	12.026	142	1469	0.317	ng	98
16) Acenaphthylene	13.945	152	2403	0.368	ng	99
17) Acenaphthene	14.288	154	1450	0.344	ng	98
18) Fluorene	15.282	166	1824	0.337	ng	99
20) 4,6-Dinitro-2-methylph...	15.378	198	199	0.452	ng	# 82
21) 4-Bromophenyl-phenylether	16.177	248	520	0.354	ng	88
22) Hexachlorobenzene	16.288	284	639	0.375	ng	97
23) Atrazine	16.462	200	174	0.133	ng	# 79
24) Pentachlorophenol	16.636	266	563	0.674	ng	98
25) Phenanthrene	17.008	178	2535	0.354	ng	98
26) Anthracene	17.108	178	2265	0.346	ng	98
28) Fluoranthene	19.040	202	2616	0.312	ng	98
30) Pyrene	19.407	202	2606	0.354	ng	99
32) Benzo(a)anthracene	21.152	228	1822	0.345	ng	97
33) Chrysene	21.206	228	2488	0.378	ng	98
34) Bis(2-ethylhexyl)phtha...	21.099	149	1409	0.358	ng	98
36) Indeno(1,2,3-cd)pyrene	25.540	276	2342	0.455	ng	98
37) Benzo(b)fluoranthene	22.702	252	1986	0.425	ng	95
38) Benzo(k)fluoranthene	22.745	252	2165	0.402	ng	96
39) Benzo(a)pyrene	23.260	252	1765	0.420	ng	93
40) Dibenzo(a,h)anthracene	25.558	278	1744	0.446	ng	94
41) Benzo(g,h,i)perylene	26.210	276	2014	0.422	ng	95

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

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