Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071425\
Data File : BN037494.D
Acq On : 14 Jul 2025 16:47
Operator : RC/JU
Sample : PB168831BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168831BS

Quant Time: Jul 14 17:33:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 11 15:38:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	2484	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	6222	0.400	ng	# 0.00
13) Acenaphthene-d10	14.356	164	2912	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	4750	0.400	ng	0.00
29) Chrysene-d12	21.286	240	3630	0.400	ng	# 0.00
35) Perylene-d12	23.522	264	3754	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	2280	0.394	ng	0.00
5) Phenol-d6	6.887	99	2700	0.371	ng	0.00
8) Nitrobenzene-d5	8.865	82	1753	0.388	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	3090m	0.365	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	376	0.381	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	6614	0.398	ng	0.00
27) Fluoranthene-d10	19.132	212	4017	0.335	ng	0.00
31) Terphenyl-d14	19.736	244	2790	0.368	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	793	0.340	ng	# 94
3) n-Nitrosodimethylamine	3.550	42	1069	0.343	ng	# 74
6) bis(2-Chloroethyl)ether	7.154	93	2389	0.393	ng	99
9) Naphthalene	10.562	128	5988	0.358	ng	98
10) Hexachlorobutadiene	10.861	225	1348	0.336	ng	# 99
12) 2-Methylnaphthalene	12.177	142	3400	0.325	ng	98
16) Acenaphthylene	14.078	152	5220	0.393	ng	100
17) Acenaphthene	14.420	154	3110	0.349	ng	97
18) Fluorene	15.403	166	3733	0.333	ng	99
20) 4,6-Dinitro-2-methylph...	15.478	198	211	0.395	ng	# 78
21) 4-Bromophenyl-phenylether	16.305	248	1128	0.381	ng	# 88
22) Hexachlorobenzene	16.416	284	1517	0.371	ng	97
23) Atrazine	16.565	200	643	0.436	ng	97
24) Pentachlorophenol	16.751	266	1043	0.741	ng	98
25) Phenanthrene	17.136	178	5189	0.359	ng	100
26) Anthracene	17.223	178	4720	0.362	ng	100
28) Fluoranthene	19.160	202	5180	0.326	ng	99
30) Pyrene	19.522	202	5115	0.350	ng	100
32) Benzo(a)anthracene	21.268	228	4824	0.392	ng	100
33) Chrysene	21.322	228	4854	0.361	ng	99
34) Bis(2-ethylhexyl)phtha...	21.223	149	1671	0.400	ng	# 95
36) Indeno(1,2,3-cd)pyrene	25.794	276	6815	0.468	ng	98
37) Benzo(b)fluoranthene	22.850	252	5180	0.355	ng	99
38) Benzo(k)fluoranthene	22.894	252	5062	0.342	ng	99
39) Benzo(a)pyrene	23.426	252	4768	0.406	ng	99
40) Dibenzo(a,h)anthracene	25.811	278	5367	0.457	ng	95
41) Benzo(g,h,i)perylene	26.484	276	5768	0.448	ng	98

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

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