Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080525\
Data File : BN037567.D
Acq On : 05 Aug 2025 14:23
Operator : RC/JU
Sample : PB169094BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169094BSD

Quant Time: Aug 06 01:39:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 19 01:46:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	1690	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4042	0.400	ng	#-0.01
13) Acenaphthene-d10	14.345	164	1850	0.400	ng	-0.01
19) Phenanthrene-d10	17.086	188	3303	0.400	ng	#-0.01
29) Chrysene-d12	21.268	240	2343	0.400	ng	# 0.00
35) Perylene-d12	23.508	264	2004	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	1226	0.293	ng	0.00
5) Phenol-d6	6.879	99	1407	0.268	ng	0.00
8) Nitrobenzene-d5	8.854	82	1069	0.354	ng	-0.01
11) 2-Methylnaphthalene-d10	12.096	152	1961	0.338	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	232	0.255	ng	-0.01
15) 2-Fluorobiphenyl	12.978	172	3867	0.402	ng	0.00
27) Fluoranthene-d10	19.122	212	2629	0.300	ng	0.00
31) Terphenyl-d14	19.722	244	1858	0.369	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	472	0.291	ng	# 58
3) n-Nitrosodimethylamine	3.543	42	810	0.396	ng	# 76
6) bis(2-Chloroethyl)ether	7.147	93	1369	0.314	ng	96
9) Naphthalene	10.552	128	3541	0.328	ng	98
10) Hexachlorobutadiene	10.850	225	990	0.416	ng	# 100
12) 2-Methylnaphthalene	12.167	142	1955	0.276	ng	97
16) Acenaphthylene	14.067	152	3078	0.371	ng	99
17) Acenaphthene	14.409	154	1863	0.331	ng	96
18) Fluorene	15.403	166	2324	0.320	ng	98
20) 4,6-Dinitro-2-methylph...	15.467	198	129	0.379	ng	96
21) 4-Bromophenyl-phenylether	16.292	248	680	0.321	ng	# 88
22) Hexachlorobenzene	16.404	284	1058	0.387	ng	96
23) Atrazine	16.553	200	434	0.294	ng	# 85
24) Pentachlorophenol	16.739	266	509	0.415	ng	96
25) Phenanthrene	17.124	178	3319	0.335	ng	99
26) Anthracene	17.223	178	3000	0.332	ng	100
28) Fluoranthene	19.150	202	3311	0.290	ng	97
30) Pyrene	19.513	202	3180	0.337	ng	100
32) Benzo(a)anthracene	21.259	228	2765	0.337	ng	97
33) Chrysene	21.304	228	3113	0.364	ng	98
34) Bis(2-ethylhexyl)phtha...	21.205	149	1100	0.298	ng	99
36) Indeno(1,2,3-cd)pyrene	25.770	276	3023	0.362	ng	95
37) Benzo(b)fluoranthene	22.835	252	2770	0.364	ng	95
38) Benzo(k)fluoranthene	22.882	252	2847	0.363	ng	94
39) Benzo(a)pyrene	23.408	252	2409	0.380	ng	# 89
40) Dibenzo(a,h)anthracene	25.785	278	2339	0.346	ng	# 88
41) Benzo(g,h,i)perylene	26.452	276	2676	0.382	ng	97

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

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