Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071625\
Data File : BN037517.D
Acq On : 16 Jul 2025 14:06
Operator : RC/JU
Sample : PB168868BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168868BSD

Quant Time: Jul 16 14:27:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 16 02:38:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.724	152	1974	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	4747	0.400	ng		0.00
13) Acenaphthene-d10	14.356	164	2348	0.400	ng		0.00
19) Phenanthrene-d10	17.099	188	4399	0.400	ng		0.00
29) Chrysene-d12	21.277	240	3154	0.400	ng	#	0.00
35) Perylene-d12	23.519	264	2636	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.312	112	1515	0.310	ng		0.00
5) Phenol-d6	6.887	99	1728	0.282	ng		0.00
8) Nitrobenzene-d5	8.865	82	1222	0.344	ng		0.00
11) 2-Methylnaphthalene-d10	12.101	152	2422	0.356	ng		0.00
14) 2,4,6-Tribromophenol	15.845	330	297	0.257	ng		0.00
15) 2-Fluorobiphenyl	12.983	172	4813	0.394	ng		0.00
27) Fluoranthene-d10	19.122	212	3529	0.303	ng		0.00
31) Terphenyl-d14	19.731	244	2567	0.379	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	549	0.289	ng	#	68
3) n-Nitrosodimethylamine	3.543	42	857	0.359	ng	#	83
6) bis(2-Chloroethyl)ether	7.147	93	1684	0.330	ng		98
9) Naphthalene	10.552	128	4278	0.338	ng		99
10) Hexachlorobutadiene	10.861	225	1104	0.395	ng	#	98
12) 2-Methylnaphthalene	12.172	142	2451	0.294	ng		97
16) Acenaphthylene	14.067	152	3930	0.374	ng		99
17) Acenaphthene	14.420	154	2399	0.335	ng		98
18) Fluorene	15.403	166	3024	0.328	ng		98
20) 4,6-Dinitro-2-methylph...	15.478	198	144	0.334	ng	#	80
21) 4-Bromophenyl-phenylether	16.292	248	930	0.330	ng		97
22) Hexachlorobenzene	16.404	284	1329	0.365	ng		98
23) Atrazine	16.565	200	591	0.301	ng		93
24) Pentachlorophenol	16.751	266	689	0.422	ng		100
25) Phenanthrene	17.136	178	4491	0.341	ng		100
26) Anthracene	17.223	178	4056	0.337	ng		99
28) Fluoranthene	19.155	202	4501	0.296	ng		98
30) Pyrene	19.517	202	4423	0.348	ng		100
32) Benzo(a)anthracene	21.268	228	3769	0.341	ng		98
33) Chrysene	21.313	228	3921	0.341	ng		99
34) Bis(2-ethylhexyl)phtha...	21.214	149	1419	0.286	ng		99
36) Indeno(1,2,3-cd)pyrene	25.782	276	3895	0.355	ng		97
37) Benzo(b)fluoranthene	22.847	252	3569	0.357	ng		95
38) Benzo(k)fluoranthene	22.891	252	3650	0.354	ng		95
39) Benzo(a)pyrene	23.420	252	3047	0.365	ng	#	92
40) Dibenzo(a,h)anthracene	25.800	278	3082	0.347	ng		94
41) Benzo(g,h,i)perylene	26.469	276	3297	0.358	ng		97

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

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