Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
Data File : BN037230.D
Acq On : 13 Jun 2025 16:35
Operator : RC/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Jun 13 18:38:27 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 18:34:15 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.575	152	1362	0.400	ng		0.00
7) Naphthalene-d8	10.351	136	3277	0.400	ng		#-0.01
13) Acenaphthene-d10	14.224	164	1730	0.400	ng		0.00
19) Phenanthrene-d10	16.971	188	3218	0.400	ng		0.00
29) Chrysene-d12	21.171	240	2562	0.400	ng		# 0.00
35) Perylene-d12	23.366	264	2434	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.170	112	10792	3.226	ng		0.00
5) Phenol-d6	6.752	99	12700	3.602	ng		0.00
8) Nitrobenzene-d5	8.717	82	11592	3.579	ng		-0.01
11) 2-Methylnaphthalene-d10	11.950	152	14468	3.290	ng		0.00
14) 2,4,6-Tribromophenol	15.718	330	2530	3.521	ng		-0.01
15) 2-Fluorobiphenyl	12.843	172	24600	3.384	ng		0.00
27) Fluoranthene-d10	19.012	212	26844	3.188	ng		0.00
31) Terphenyl-d14	19.621	244	19247	3.323	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.104	88	5606	3.000	ng		94
3) n-Nitrosodimethylamine	3.415	42	13425	3.153	ng		97
6) bis(2-Chloroethyl)ether	7.012	93	11592	3.671	ng		94
9) Naphthalene	10.404	128	30442	3.208	ng		95
10) Hexachlorobutadiene	10.693	225	6997	3.031	ng	#	98
12) 2-Methylnaphthalene	12.026	142	19566	3.392	ng		98
16) Acenaphthylene	13.946	152	28536	3.366	ng		99
17) Acenaphthene	14.288	154	18242	3.334	ng		98
18) Fluorene	15.282	166	23723	3.375	ng		100
20) 4,6-Dinitro-2-methylph...	15.368	198	2836	3.223	ng	#	37
21) 4-Bromophenyl-phenylether	16.177	248	7106	3.389	ng	#	83
22) Hexachlorobenzene	16.289	284	7308	3.006	ng		97
23) Atrazine	16.450	200	6193	3.311	ng		88
24) Pentachlorophenol	16.636	266	4179	3.508	ng		98
25) Phenanthrene	17.021	178	34176	3.349	ng		99
26) Anthracene	17.108	178	32366	3.464	ng		99
28) Fluoranthene	19.045	202	38876	3.254	ng		98
30) Pyrene	19.407	202	38772	3.219	ng		100
32) Benzo(a)anthracene	21.162	228	30893	3.571	ng		96
33) Chrysene	21.207	228	33474	3.106	ng		97
34) Bis(2-ethylhexyl)phtha...	21.108	149	19300	2.996	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.556	276	34219	3.486	ng	#	94
37) Benzo(b)fluoranthene	22.711	252	30687	3.447	ng	#	85
38) Benzo(k)fluoranthene	22.752	252	33172	3.248	ng	#	85
39) Benzo(a)pyrene	23.269	252	26918	3.361	ng	#	79
40) Dibenzo(a,h)anthracene	25.564	278	27744	3.751	ng	#	81
41) Benzo(g,h,i)perylene	26.219	276	30489	3.350	ng		95

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

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