Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
Data File : BN037231.D
Acq On : 13 Jun 2025 17:11
Operator : RC/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Jun 13 18:38:52 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	1719	0.400	ng		0.00
7) Naphthalene-d8	10.351	136	3927	0.400	ng		#-0.01
13) Acenaphthene-d10	14.224	164	2088	0.400	ng		0.00
19) Phenanthrene-d10	16.971	188	3744	0.400	ng		0.00
29) Chrysene-d12	21.171	240	3121	0.400	ng		0.00
35) Perylene-d12	23.360	264	2895	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.170	112	20890	4.948	ng		0.00
5) Phenol-d6	6.759	99	25211	5.666	ng		0.00
8) Nitrobenzene-d5	8.717	82	22243	5.731	ng		-0.01
11) 2-Methylnaphthalene-d10	11.950	152	27140	5.150	ng		0.00
14) 2,4,6-Tribromophenol	15.718	330	4635	5.344	ng		-0.01
15) 2-Fluorobiphenyl	12.843	172	44772	5.103	ng		0.00
27) Fluoranthene-d10	19.012	212	50205	5.125	ng		0.00
31) Terphenyl-d14	19.621	244	36062	5.111	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.104	88	10450	4.431	ng		92
3) n-Nitrosodimethylamine	3.415	42	24357	4.533	ng		94
6) bis(2-Chloroethyl)ether	7.012	93	22354	5.609	ng		94
9) Naphthalene	10.404	128	56880	5.002	ng		94
10) Hexachlorobutadiene	10.692	225	12686	4.586	ng	#	98
12) 2-Methylnaphthalene	12.026	142	36587	5.292	ng		98
16) Acenaphthylene	13.946	152	52739	5.154	ng		99
17) Acenaphthene	14.288	154	33323	5.045	ng		97
18) Fluorene	15.282	166	43051	5.075	ng		100
20) 4,6-Dinitro-2-methylph...	15.368	198	5424	4.992	ng	#	36
21) 4-Bromophenyl-phenylether	16.177	248	12785	5.240	ng	#	81
22) Hexachlorobenzene	16.289	284	13054	4.616	ng		98
23) Atrazine	16.450	200	11399	5.239	ng	#	87
24) Pentachlorophenol	16.636	266	8014	5.782	ng		97
25) Phenanthrene	17.021	178	62123	5.232	ng		99
26) Anthracene	17.108	178	59009	5.429	ng		99
28) Fluoranthene	19.045	202	71952	5.177	ng		98
30) Pyrene	19.407	202	72342	4.930	ng		99
32) Benzo(a)anthracene	21.153	228	58498	5.551	ng		97
33) Chrysene	21.206	228	63057	4.803	ng		98
34) Bis(2-ethylhexyl)phtha...	21.108	149	37466	4.774	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.552	276	65610	5.620	ng	#	94
37) Benzo(b)fluoranthene	22.708	252	58631	5.536	ng	#	85
38) Benzo(k)fluoranthene	22.749	252	62537	5.148	ng	#	85
39) Benzo(a)pyrene	23.266	252	51138	5.368	ng	#	78
40) Dibenzo(a,h)anthracene	25.564	278	51648	5.871	ng	#	81
41) Benzo(g,h,i)perylene	26.219	276	56339	5.204	ng		96

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

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