Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071125\
Data File : BN037473.D
Acq On : 11 Jul 2025 14:49
Operator : RC/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Jul 11 15:27:55 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 15:17:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.732	152	1975	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	4428	0.400	ng		0.00
13) Acenaphthene-d10	14.366	164	2274	0.400	ng		0.00
19) Phenanthrene-d10	17.099	188	3996	0.400	ng		0.00
29) Chrysene-d12	21.286	240	3738	0.400	ng		0.00
35) Perylene-d12	23.531	264	2986	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	24359	5.299	ng		0.00
5) Phenol-d6	6.894	99	29973	5.183	ng		0.00
8) Nitrobenzene-d5	8.865	82	18423	5.732	ng		0.00
11) 2-Methylnaphthalene-d10	12.106	152	38139	6.336	ng		0.00
14) 2,4,6-Tribromophenol	15.845	330	5183	6.721	ng		0.00
15) 2-Fluorobiphenyl	12.988	172	71026	5.472	ng		0.00
27) Fluoranthene-d10	19.132	212	66747	6.621	ng		0.00
31) Terphenyl-d14	19.740	244	42184	5.409	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	8504	4.585	ng		96
3) n-Nitrosodimethylamine	3.550	42	12758	5.145	ng		95
6) bis(2-Chloroethyl)ether	7.154	93	24098	4.980	ng		100
9) Naphthalene	10.562	128	63085	5.302	ng		96
10) Hexachlorobutadiene	10.861	225	14520	5.080	ng	#	99
12) 2-Methylnaphthalene	12.182	142	41281	5.540	ng		99
16) Acenaphthylene	14.078	152	56500	5.449	ng		99
17) Acenaphthene	14.420	154	38089	5.475	ng		96
18) Fluorene	15.414	166	48979	5.603	ng		98
21) 4-Bromophenyl-phenylether	16.305	248	13953	5.597	ng		95
22) Hexachlorobenzene	16.416	284	17904	5.205	ng		99
24) Pentachlorophenol	16.751	266	7775	6.564	ng		98
25) Phenanthrene	17.136	178	67213	5.524	ng		100
26) Anthracene	17.235	178	64260	5.852	ng		99
28) Fluoranthene	19.164	202	78520	5.881	ng		100
30) Pyrene	19.527	202	77002	5.124	ng		100
32) Benzo(a)anthracene	21.268	228	69627	5.500	ng		98
33) Chrysene	21.322	228	72035	5.206	ng		98
34) Bis(2-ethylhexyl)phtha...	21.232	149	25087	5.828	ng		97
36) Indeno(1,2,3-cd)pyrene	25.806	276	73642	6.354	ng		99
37) Benzo(b)fluoranthene	22.859	252	69826	6.013	ng	#	91
38) Benzo(k)fluoranthene	22.902	252	70616	5.999	ng	#	90
39) Benzo(a)pyrene	23.432	252	57809	6.186	ng	#	87
40) Dibenzo(a,h)anthracene	25.820	278	60364	6.458	ng	#	88
41) Benzo(g,h,i)perylene	26.493	276	62808	6.134	ng		92

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

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