Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071125\
Data File : BN037471.D
Acq On : 11 Jul 2025 13:36
Operator : RC/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Jul 11 15:27:05 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	7.731	152	1742	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	4072	0.400	ng		0.00
13) Acenaphthene-d10	14.366	164	1984	0.400	ng		0.00
19) Phenanthrene-d10	17.099	188	3525	0.400	ng		0.00
29) Chrysene-d12	21.286	240	2965	0.400	ng	#	0.00
35) Perylene-d12	23.534	264	2463	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	6460	1.593	ng		0.00
5) Phenol-d6	6.894	99	8071	1.582	ng		0.00
8) Nitrobenzene-d5	8.864	82	4816	1.629	ng		0.00
11) 2-Methylnaphthalene-d10	12.106	152	8642	1.561	ng		0.00
14) 2,4,6-Tribromophenol	15.845	330	1094	1.626	ng		0.00
15) 2-Fluorobiphenyl	12.988	172	18395	1.624	ng		0.00
27) Fluoranthene-d10	19.132	212	13833	1.556	ng		0.00
31) Terphenyl-d14	19.740	244	9911	1.602	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	2757	1.685	ng		97
3) n-Nitrosodimethylamine	3.557	42	3665	1.676	ng		98
6) bis(2-Chloroethyl)ether	7.154	93	6993	1.638	ng		100
9) Naphthalene	10.562	128	17848	1.631	ng		97
10) Hexachlorobutadiene	10.861	225	4329	1.647	ng	#	99
12) 2-Methylnaphthalene	12.182	142	11263	1.644	ng		99
16) Acenaphthylene	14.077	152	14926	1.650	ng		99
17) Acenaphthene	14.419	154	10002	1.648	ng		99
18) Fluorene	15.414	166	12742	1.671	ng		99
20) 4,6-Dinitro-2-methylph...	15.478	198	710	1.792	ng	#	58
21) 4-Bromophenyl-phenylether	16.304	248	3572	1.624	ng		95
22) Hexachlorobenzene	16.416	284	4981	1.642	ng		99
23) Atrazine	16.565	200	1876	1.715	ng		91
24) Pentachlorophenol	16.751	266	1682	1.610	ng		98
25) Phenanthrene	17.136	178	17507	1.631	ng		100
26) Anthracene	17.235	178	15953	1.647	ng		100
28) Fluoranthene	19.164	202	19585	1.663	ng		99
30) Pyrene	19.526	202	19037	1.597	ng		100
32) Benzo(a)anthracene	21.277	228	16533	1.647	ng		97
33) Chrysene	21.321	228	17469	1.592	ng		99
34) Bis(2-ethylhexyl)phtha...	21.232	149	5207	1.525	ng		98
36) Indeno(1,2,3-cd)pyrene	25.808	276	16302	1.705	ng		99
37) Benzo(b)fluoranthene	22.861	252	16437	1.716	ng	#	92
38) Benzo(k)fluoranthene	22.905	252	16488	1.698	ng	#	92
39) Benzo(a)pyrene	23.437	252	13051	1.693	ng	#	89
40) Dibenzo(a,h)anthracene	25.826	278	13217	1.714	ng		90
41) Benzo(g,h,i)perylene	26.498	276	14207	1.682	ng		93

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

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