Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062125\
Data File : BN037360.D
Acq On : 20 Jun 2025 21:39
Operator : RC/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN062125

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/23/2025
Supervised By :Jagrut Upadhyay 06/24/2025

Quant Time: Jun 20 23:48:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 20 23:41:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.568	152	2309	0.400	ng		0.00
7) Naphthalene-d8	10.340	136	5064	0.400	ng	#	0.00
13) Acenaphthene-d10	14.213	164	3457	0.400	ng		0.00
19) Phenanthrene-d10	16.971	188	7065	0.400	ng	#	0.00
29) Chrysene-d12	21.171	240	5560	0.400	ng	#	0.00
35) Perylene-d12	23.354	264	5756	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.163	112	1841	0.399	ng		0.00
5) Phenol-d6	6.752	99	1797	0.378	ng		0.00
8) Nitrobenzene-d5	8.717	82	1658	0.405	ng		0.00
11) 2-Methylnaphthalene-d10	11.945	152	3394	0.414	ng		0.00
14) 2,4,6-Tribromophenol	15.718	330	756	0.373	ng		0.00
15) 2-Fluorobiphenyl	12.838	172	6049	0.398	ng		0.00
27) Fluoranthene-d10	19.008	212	7940	0.392	ng		0.00
31) Terphenyl-d14	19.616	244	5266	0.416	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.104	88	942	0.401	ng		91
3) n-Nitrosodimethylamine	3.422	42	845	0.393	ng	#	70
6) bis(2-Chloroethyl)ether	7.004	93	1718	0.407	ng		93
9) Naphthalene	10.394	128	5338	0.399	ng	#	89
10) Hexachlorobutadiene	10.682	225	2157	0.409	ng	#	99
12) 2-Methylnaphthalene	12.021	142	3620	0.388	ng	#	91
16) Acenaphthylene	13.935	152	5463	0.376	ng		98
17) Acenaphthene	14.277	154	3720	0.389	ng		99
18) Fluorene	15.272	166	5193	0.386	ng		99
20) 4,6-Dinitro-2-methylph...	15.368	198	491	0.289	ng		92
21) 4-Bromophenyl-phenylether	16.165	248	1905	0.379	ng	#	84
22) Hexachlorobenzene	16.276	284	2222	0.406	ng		98
23) Atrazine	16.450	200	1453	0.362	ng	#	84
24) Pentachlorophenol	16.624	266	881	0.323	ng		97
25) Phenanthrene	17.009	178	7743	0.378	ng		99
26) Anthracene	17.108	178	6739	0.357	ng		99
28) Fluoranthene	19.036	202	9535	0.369	ng	#	99
30) Pyrene	19.398	202	9570	0.424	ng		100
32) Benzo(a)anthracene	21.153	228	6805	0.372	ng		99
33) Chrysene	21.207	228	9119	0.412	ng		98
34) Bis(2-ethylhexyl)phtha...	21.099	149	3022	0.403	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.541	276	9492	0.368	ng	#	92
37) Benzo(b)fluoranthene	22.702	252	8083m	0.382	ng		
38) Benzo(k)fluoranthene	22.746	252	9472	0.412	ng		95
39) Benzo(a)pyrene	23.260	252	7258	0.382	ng	#	89
40) Dibenzo(a,h)anthracene	25.553	278	7116	0.367	ng	#	87
41) Benzo(g,h,i)perylene	26.199	276	8707	0.378	ng		95

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

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