Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071425\
Data File : BN037483.D
Acq On : 14 Jul 2025 09:10
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jul 14 10:55:57 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 15:38:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.732	152	1935	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	4597	0.400	ng		0.00
13) Acenaphthene-d10	14.355	164	2166	0.400	ng		-0.01
19) Phenanthrene-d10	17.099	188	3930	0.400	ng	#	0.00
29) Chrysene-d12	21.286	240	2837	0.400	ng	#	0.00
35) Perylene-d12	23.522	264	2676	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	1781	0.395	ng		0.00
5) Phenol-d6	6.887	99	2263	0.399	ng		0.00
8) Nitrobenzene-d5	8.865	82	1208	0.362	ng		0.00
11) 2-Methylnaphthalene-d10	12.101	152	2348	0.376	ng		0.00
14) 2,4,6-Tribromophenol	15.845	330	243	0.331	ng		0.00
15) 2-Fluorobiphenyl	12.983	172	5120	0.414	ng		0.00
27) Fluoranthene-d10	19.127	212	3538	0.357	ng		0.00
31) Terphenyl-d14	19.736	244	2420	0.409	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	772	0.425	ng		97
3) n-Nitrosodimethylamine	3.557	42	995	0.410	ng		99
6) bis(2-Chloroethyl)ether	7.154	93	1904	0.402	ng		100
9) Naphthalene	10.562	128	4843	0.392	ng		99
10) Hexachlorobutadiene	10.861	225	1140	0.384	ng	#	99
12) 2-Methylnaphthalene	12.177	142	2934	0.379	ng		98
16) Acenaphthylene	14.078	152	3817	0.386	ng		100
17) Acenaphthene	14.420	154	2553	0.385	ng		99
18) Fluorene	15.403	166	3037	0.365	ng		99
20) 4,6-Dinitro-2-methylph...	15.478	198	145	0.328	ng		95
21) 4-Bromophenyl-phenylether	16.304	248	880	0.359	ng	#	88
22) Hexachlorobenzene	16.416	284	1304	0.385	ng		99
23) Atrazine	16.565	200	387	0.317	ng		96
24) Pentachlorophenol	16.751	266	376	0.323	ng		97
25) Phenanthrene	17.136	178	4610	0.385	ng		100
26) Anthracene	17.223	178	4028	0.373	ng		100
28) Fluoranthene	19.160	202	4814	0.367	ng		100
30) Pyrene	19.522	202	4688	0.411	ng		99
32) Benzo(a)anthracene	21.268	228	3631	0.378	ng		99
33) Chrysene	21.322	228	4194	0.399	ng		99
34) Bis(2-ethylhexyl)phtha...	21.223	149	1290	0.395	ng		97
36) Indeno(1,2,3-cd)pyrene	25.791	276	3733	0.359	ng		100
37) Benzo(b)fluoranthene	22.850	252	3639	0.350	ng		99
38) Benzo(k)fluoranthene	22.894	252	3882	0.368	ng		98
39) Benzo(a)pyrene	23.426	252	3154	0.377	ng		100
40) Dibenzo(a,h)anthracene	25.808	278	2896	0.346	ng		97
41) Benzo(g,h,i)perylene	26.478	276	3310	0.361	ng		98

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

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