Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
Data File : BN036613.D
Acq On : 14 Mar 2025 18:36
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Mar 14 23:32:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.717	152	2201	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	5265	0.400	ng		# 0.00
13) Acenaphthene-d10	14.356	164	3078	0.400	ng		-0.01
19) Phenanthrene-d10	17.099	188	6094	0.400	ng		#-0.01
29) Chrysene-d12	21.295	240	4416	0.400	ng		0.00
35) Perylene-d12	23.546	264	3751	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.312	112	2073	0.404	ng		0.00
5) Phenol-d6	6.894	99	2476	0.391	ng		0.00
8) Nitrobenzene-d5	8.875	82	2159	0.377	ng		0.00
11) 2-Methylnaphthalene-d10	12.106	152	3110	0.397	ng		0.00
14) 2,4,6-Tribromophenol	15.858	330	524	0.375	ng		0.00
15) 2-Fluorobiphenyl	12.988	172	7203	0.402	ng		0.00
27) Fluoranthene-d10	19.136	212	6914	0.443	ng		0.00
31) Terphenyl-d14	19.740	244	4393	0.415	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	1086	0.445	ng		97
3) n-Nitrosodimethylamine	3.550	42	2056	0.416	ng		99
6) bis(2-Chloroethyl)ether	7.147	93	2566	0.392	ng		99
9) Naphthalene	10.552	128	6324	0.408	ng		99
10) Hexachlorobutadiene	10.851	225	1523	0.418	ng	#	98
12) 2-Methylnaphthalene	12.177	142	3959	0.402	ng		99
16) Acenaphthylene	14.078	152	6002	0.413	ng		99
17) Acenaphthene	14.420	154	3940	0.414	ng		99
18) Fluorene	15.414	166	5332	0.415	ng		99
20) 4,6-Dinitro-2-methylph...	15.499	198	422	0.417	ng		97
21) 4-Bromophenyl-phenylether	16.305	248	1603	0.420	ng		87
22) Hexachlorobenzene	16.416	284	1988	0.431	ng		96
23) Atrazine	16.578	200	1264	0.413	ng		96
24) Pentachlorophenol	16.764	266	782	0.372	ng		95
25) Phenanthrene	17.149	178	7822	0.428	ng		100
26) Anthracene	17.235	178	7039	0.427	ng		99
28) Fluoranthene	19.169	202	9221	0.449	ng		99
30) Pyrene	19.531	202	9245	0.428	ng		100
32) Benzo(a)anthracene	21.277	228	5996	0.390	ng		99
33) Chrysene	21.331	228	7481	0.446	ng		99
34) Bis(2-ethylhexyl)phtha...	21.214	149	4895	0.448	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.823	276	5645	0.417	ng		97
37) Benzo(b)fluoranthene	22.867	252	6143	0.450	ng		96
38) Benzo(k)fluoranthene	22.911	252	6544	0.457	ng		96
39) Benzo(a)pyrene	23.449	252	5265	0.458	ng		94
40) Dibenzo(a,h)anthracene	25.847	278	4299	0.408	ng		98
41) Benzo(g,h,i)perylene	26.516	276	5211	0.432	ng		99

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

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