Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
Data File : BN036633.D
Acq On : 15 Mar 2025 08:35
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 17 00:34:16 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	2056	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	5167	0.400	ng		# 0.00
13) Acenaphthene-d10	14.356	164	3028	0.400	ng		-0.01
19) Phenanthrene-d10	17.099	188	5852	0.400	ng		#-0.01
29) Chrysene-d12	21.295	240	3964	0.400	ng		0.00
35) Perylene-d12	23.543	264	3322	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.312	112	1993	0.416	ng		0.00
5) Phenol-d6	6.894	99	2392	0.404	ng		0.00
8) Nitrobenzene-d5	8.865	82	2133	0.379	ng		-0.01
11) 2-Methylnaphthalene-d10	12.101	152	3084	0.401	ng		0.00
14) 2,4,6-Tribromophenol	15.858	330	549	0.400	ng		0.00
15) 2-Fluorobiphenyl	12.983	172	6983	0.396	ng		0.00
27) Fluoranthene-d10	19.136	212	6452	0.430	ng		0.00
31) Terphenyl-d14	19.740	244	4008	0.422	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	1044	0.458	ng		99
3) n-Nitrosodimethylamine	3.550	42	2061	0.447	ng	#	97
6) bis(2-Chloroethyl)ether	7.147	93	2478	0.405	ng		99
9) Naphthalene	10.552	128	6160	0.405	ng		100
10) Hexachlorobutadiene	10.840	225	1469	0.411	ng	#	100
12) 2-Methylnaphthalene	12.172	142	3909	0.404	ng		99
16) Acenaphthylene	14.078	152	5940	0.416	ng		99
17) Acenaphthene	14.420	154	3899	0.417	ng		99
18) Fluorene	15.403	166	5251	0.415	ng		98
20) 4,6-Dinitro-2-methylph...	15.499	198	423	0.429	ng		86
21) 4-Bromophenyl-phenylether	16.305	248	1586	0.433	ng	#	82
22) Hexachlorobenzene	16.416	284	1952	0.441	ng		96
23) Atrazine	16.578	200	1271	0.432	ng		95
24) Pentachlorophenol	16.764	266	770	0.381	ng		98
25) Phenanthrene	17.149	178	7751	0.442	ng		100
26) Anthracene	17.235	178	6831	0.431	ng		99
28) Fluoranthene	19.164	202	8694	0.441	ng		99
30) Pyrene	19.531	202	8785	0.453	ng		99
32) Benzo(a)anthracene	21.277	228	5572	0.404	ng		99
33) Chrysene	21.331	228	6707	0.445	ng		99
34) Bis(2-ethylhexyl)phtha...	21.214	149	4427	0.451	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.823	276	5201	0.434	ng		97
37) Benzo(b)fluoranthene	22.867	252	5573	0.461	ng		96
38) Benzo(k)fluoranthene	22.911	252	5760	0.454	ng		97
39) Benzo(a)pyrene	23.449	252	4737	0.465	ng	#	95
40) Dibenzo(a,h)anthracene	25.841	278	3815	0.409	ng		98
41) Benzo(g,h,i)perylene	26.510	276	4632	0.434	ng		97

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

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