Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
Data File : BN036615.D
Acq On : 14 Mar 2025 20:30
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 14 23:41:12 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	2093	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	5069	0.400	ng		# 0.00
13) Acenaphthene-d10	14.355	164	2917	0.400	ng		-0.01
19) Phenanthrene-d10	17.099	188	6068	0.400	ng		#-0.01
29) Chrysene-d12	21.295	240	4261	0.400	ng		# 0.00
35) Perylene-d12	23.548	264	3574	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.312	112	1940	0.398	ng		0.00
5) Phenol-d6	6.894	99	2344	0.389	ng		0.00
8) Nitrobenzene-d5	8.875	82	2108	0.382	ng		0.00
11) 2-Methylnaphthalene-d10	12.101	152	3069	0.407	ng		-0.01
14) 2,4,6-Tribromophenol	15.858	330	536	0.405	ng		0.00
15) 2-Fluorobiphenyl	12.983	172	7075	0.417	ng		0.00
27) Fluoranthene-d10	19.136	212	6502	0.418	ng		0.00
31) Terphenyl-d14	19.740	244	4181	0.410	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	1072	0.462	ng		99
3) n-Nitrosodimethylamine	3.550	42	2018	0.430	ng		99
6) bis(2-Chloroethyl)ether	7.147	93	2373	0.381	ng		94
9) Naphthalene	10.551	128	6081	0.408	ng		100
10) Hexachlorobutadiene	10.850	225	1464	0.417	ng	#	99
12) 2-Methylnaphthalene	12.177	142	3809	0.401	ng		98
16) Acenaphthylene	14.077	152	5849	0.425	ng		99
17) Acenaphthene	14.420	154	3789	0.420	ng		98
18) Fluorene	15.414	166	5219	0.428	ng		99
20) 4,6-Dinitro-2-methylph...	15.499	198	409	0.410	ng		86
21) 4-Bromophenyl-phenylether	16.304	248	1591	0.418	ng	#	83
22) Hexachlorobenzene	16.416	284	1956	0.426	ng		98
23) Atrazine	16.577	200	1246	0.409	ng		95
24) Pentachlorophenol	16.764	266	782	0.374	ng		99
25) Phenanthrene	17.148	178	7689	0.422	ng		100
26) Anthracene	17.235	178	6726	0.409	ng		99
28) Fluoranthene	19.164	202	8879	0.434	ng		100
30) Pyrene	19.531	202	8929	0.429	ng		99
32) Benzo(a)anthracene	21.277	228	6022	0.406	ng		99
33) Chrysene	21.331	228	7230	0.447	ng		99
34) Bis(2-ethylhexyl)phtha...	21.214	149	4732	0.449	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.823	276	5391	0.418	ng		97
37) Benzo(b)fluoranthene	22.867	252	5957	0.458	ng		98
38) Benzo(k)fluoranthene	22.911	252	6070	0.445	ng		96
39) Benzo(a)pyrene	23.446	252	4994	0.456	ng		94
40) Dibenzo(a,h)anthracene	25.844	278	4159	0.414	ng		100
41) Benzo(g,h,i)perylene	26.522	276	4897	0.426	ng		99

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

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