Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020525\
Data File : BN036303.D
Acq On : 05 Feb 2025 18:47
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Feb 06 01:05:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 01:04:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	2214	0.400	ng		0.00
7) Naphthalene-d8	10.562	136	4864	0.400	ng		# 0.00
13) Acenaphthene-d10	14.409	164	2378	0.400	ng		0.00
19) Phenanthrene-d10	17.161	188	4362	0.400	ng		# 0.00
29) Chrysene-d12	21.340	240	3774	0.400	ng		# 0.00
35) Perylene-d12	23.628	264	4195	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.363	112	2536	0.440	ng		0.00
5) Phenol-d6	6.952	99	2931	0.433	ng		0.00
8) Nitrobenzene-d5	8.929	82	1987	0.433	ng		0.00
11) 2-Methylnaphthalene-d10	12.157	152	2748	0.416	ng		0.00
14) 2,4,6-Tribromophenol	15.907	330	471	0.309	ng		0.00
15) 2-Fluorobiphenyl	13.041	172	4027	0.379	ng		0.00
27) Fluoranthene-d10	19.188	212	4587	0.406	ng		0.00
31) Terphenyl-d14	19.791	244	3246	0.414	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.290	88	1086	0.439	ng		96
3) n-Nitrosodimethylamine	3.593	42	1726	0.385	ng	#	79
6) bis(2-Chloroethyl)ether	7.197	93	2617	0.481	ng		100
9) Naphthalene	10.616	128	5781	0.409	ng		98
10) Hexachlorobutadiene	10.904	225	1637	0.359	ng	#	98
12) 2-Methylnaphthalene	12.233	142	3435	0.392	ng		96
16) Acenaphthylene	14.131	152	4405	0.391	ng		99
17) Acenaphthene	14.473	154	2998	0.388	ng		97
18) Fluorene	15.457	166	3871	0.400	ng		96
20) 4,6-Dinitro-2-methylph...	15.547	198	193	0.190	ng	#	33
21) 4-Bromophenyl-phenylether	16.354	248	1201	0.387	ng		95
22) Hexachlorobenzene	16.466	284	1607	0.393	ng		97
23) Atrazine	16.627	200	859	0.383	ng		97
24) Pentachlorophenol	16.813	266	597	0.337	ng		98
25) Phenanthrene	17.198	178	5245	0.400	ng		100
26) Anthracene	17.285	178	4643	0.390	ng		98
28) Fluoranthene	19.220	202	6022	0.391	ng		98
30) Pyrene	19.582	202	6158	0.403	ng		100
32) Benzo(a)anthracene	21.331	228	5232	0.382	ng		100
33) Chrysene	21.375	228	5571	0.398	ng		99
34) Bis(2-ethylhexyl)phtha...	21.259	149	2887	0.385	ng		99
36) Indeno(1,2,3-cd)pyrene	25.943	276	6925	0.411	ng		99
37) Benzo(b)fluoranthene	22.938	252	5941	0.390	ng	#	90
38) Benzo(k)fluoranthene	22.984	252	5944	0.387	ng	#	89
39) Benzo(a)pyrene	23.528	252	5255	0.404	ng	#	82
40) Dibenzo(a,h)anthracene	25.964	278	5468	0.408	ng		96
41) Benzo(g,h,i)perylene	26.654	276	6140	0.420	ng		96

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

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