Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121222\
Data File : BN023155.D
Acq On : 13 Dec 2022 05:00
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 13 05:49:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 05:18:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.020	152	9720	0.400	ng		0.00
7) Naphthalene-d8	10.829	136	29179	0.400	ng		-0.01
13) Acenaphthene-d10	14.656	164	15778	0.400	ng		0.00
19) Phenanthrene-d10	17.402	188	33582	0.400	ng	#	0.00
29) Chrysene-d12	21.589	240	27648	0.400	ng		0.00
35) Perylene-d12	24.044	264	22877	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.550	112	7678	0.424	ng		0.00
5) Phenol-d6	7.168	99	9868	0.429	ng		0.00
8) Nitrobenzene-d5	9.174	82	7503	0.390	ng		-0.01
11) 2-Methylnaphthalene-d10	12.420	152	16194	0.327	ng		0.00
14) 2,4,6-Tribromophenol	16.148	330	2333	0.408	ng		0.00
15) 2-Fluorobiphenyl	13.287	172	24918	0.395	ng		0.00
27) Fluoranthene-d10	19.431	212	31297	0.398	ng		0.00
31) Terphenyl-d14	20.022	244	16785	0.374	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.391	88	3670	0.383	ng		99
3) n-Nitrosodimethylamine	3.723	42	3843	0.408	ng		95
6) bis(2-Chloroethyl)ether	7.435	93	10569	0.404	ng		99
9) Naphthalene	10.882	128	29242	0.393	ng		100
10) Hexachlorobutadiene	11.171	225	5618	0.397	ng	#	99
12) 2-Methylnaphthalene	12.110	142	5029	0.455	ng	#	97
16) Acenaphthylene	14.378	152	23462	0.369	ng		100
17) Acenaphthene	14.720	154	17430	0.373	ng		98
18) Fluorene	15.703	166	21025	0.402	ng		99
20) 4,6-Dinitro-2-methylph...	15.776	198	678	0.334	ng		93
21) 4-Bromophenyl-phenylether	16.595	248	7131	0.398	ng	#	78
22) Hexachlorobenzene	16.707	284	9108	0.388	ng		100
23) Atrazine	16.856	200	4498	0.356	ng	#	94
24) Pentachlorophenol	17.054	266	2505	0.307	ng		99
25) Phenanthrene	17.439	178	38075	0.380	ng		100
26) Anthracene	17.538	178	29278	0.367	ng		100
28) Fluoranthene	19.460	202	40353	0.377	ng		99
30) Pyrene	19.823	202	39657	0.392	ng		100
32) Benzo(a)anthracene	21.571	228	34756	0.390	ng		100
33) Chrysene	21.625	228	39711	0.396	ng		100
34) Bis(2-ethylhexyl)phtha...	21.491	149	14143	0.376	ng		99
36) Indeno(1,2,3-cd)pyrene	26.608	276	40155	0.392	ng		98
37) Benzo(b)fluoranthene	23.290	252	36454	0.384	ng		97
38) Benzo(k)fluoranthene	23.340	252	35385	0.367	ng		99
39) Benzo(a)pyrene	23.933	252	29274	0.412	ng	#	93
40) Dibenzo(a,h)anthracene	26.629	278	31145	0.378	ng		99
41) Benzo(g,h,i)perylene	27.398	276	30906	0.352	ng		98

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

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