Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
Data File : BN034118.D
Acq On : 21 Sep 2024 11:14
Operator : JU/RC
Sample : SSTDCCC0.4
Misc :
ALS Vial : 82 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 22 23:57:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.431	152	5641	0.400	ng		0.00
7) Naphthalene-d8	10.180	136	16594	0.400	ng		#-0.02
13) Acenaphthene-d10	14.073	164	9245	0.400	ng		0.00
19) Phenanthrene-d10	16.833	188	20813	0.400	ng		0.00
29) Chrysene-d12	21.053	240	14539	0.400	ng		# 0.00
35) Perylene-d12	23.171	264	12395	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.069	112	6171	0.385	ng		0.00
5) Phenol-d6	6.622	99	7250	0.389	ng		-0.01
8) Nitrobenzene-d5	8.568	82	5125	0.404	ng		0.00
11) 2-Methylnaphthalene-d10	11.784	152	9591	0.391	ng		0.00
14) 2,4,6-Tribromophenol	15.580	330	1565	0.374	ng		0.00
15) 2-Fluorobiphenyl	12.683	172	15635	0.416	ng		-0.02
27) Fluoranthene-d10	18.876	212	20233	0.385	ng		-0.01
31) Terphenyl-d14	19.494	244	12944	0.446	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.068	88	2768	0.392	ng		88
3) n-Nitrosodimethylamine	3.372	42	3691	0.460	ng	#	82
6) bis(2-Chloroethyl)ether	6.874	93	6354	0.386	ng		96
9) Naphthalene	10.233	128	18201	0.400	ng		100
10) Hexachlorobutadiene	10.522	225	3544	0.413	ng	#	99
12) 2-Methylnaphthalene	11.859	142	11687	0.394	ng		99
16) Acenaphthylene	13.784	152	15863	0.401	ng		100
17) Acenaphthene	14.137	154	11844	0.417	ng		99
18) Fluorene	15.131	166	15356	0.412	ng		100
20) 4,6-Dinitro-2-methylph...	15.227	198	1066	0.414	ng	#	68
21) 4-Bromophenyl-phenylether	16.039	248	4615	0.394	ng		97
22) Hexachlorobenzene	16.138	284	5329	0.406	ng		93
23) Atrazine	16.324	200	3692	0.381	ng		99
24) Pentachlorophenol	16.486	266	1679	0.387	ng		99
25) Phenanthrene	16.870	178	24282	0.406	ng		100
26) Anthracene	16.957	178	19357	0.397	ng		99
28) Fluoranthene	18.904	202	27212	0.393	ng		99
30) Pyrene	19.271	202	27871	0.454	ng		100
32) Benzo(a)anthracene	21.035	228	18386	0.400	ng		99
33) Chrysene	21.089	228	23262	0.424	ng		99
34) Bis(2-ethylhexyl)phtha...	21.008	149	3057	0.160	ng	#	96
36) Indeno(1,2,3-cd)pyrene	25.259	276	18885	0.356	ng		99
37) Benzo(b)fluoranthene	22.549	252	20523	0.423	ng		99
38) Benzo(k)fluoranthene	22.590	252	22431	0.440	ng		98
39) Benzo(a)pyrene	23.081	252	16060	0.406	ng		99
40) Dibenzo(a,h)anthracene	25.273	278	14427	0.350	ng		97
41) Benzo(g,h,i)perylene	25.887	276	16050	0.346	ng		99

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

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