Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051324\
Data File : BN031505.D
Acq On : 13 May 2024 17:05
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 13 17:48:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.704	152	11211	0.400	ng		-0.01
7) Naphthalene-d8	10.485	136	35141	0.400	ng		#-0.01
13) Acenaphthene-d10	14.338	164	18039	0.400	ng		-0.01
19) Phenanthrene-d10	17.078	188	39261	0.400	ng		-0.01
29) Chrysene-d12	21.265	240	30488	0.400	ng		0.00
35) Perylene-d12	23.502	264	31140	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.292	112	8700	0.273	ng		0.00
5) Phenol-d6	6.866	99	12071	0.281	ng		0.00
8) Nitrobenzene-d5	8.851	82	8836	0.350	ng		-0.01
11) 2-Methylnaphthalene-d10	12.077	152	19508	0.344	ng		-0.02
14) 2,4,6-Tribromophenol	15.825	330	1609	0.235	ng		-0.01
15) 2-Fluorobiphenyl	12.959	172	27239	0.392	ng		-0.02
27) Fluoranthene-d10	19.110	212	35824	0.329	ng		0.00
31) Terphenyl-d14	19.718	244	24075	0.323	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	5026	0.364	ng	#	84
3) n-Nitrosodimethylamine	3.544	42	5873	0.431	ng		77
6) bis(2-Chloroethyl)ether	7.133	93	13454	0.360	ng		93
9) Naphthalene	10.538	128	35127	0.360	ng		96
10) Hexachlorobutadiene	10.827	225	6115	0.357	ng	#	100
12) 2-Methylnaphthalene	12.153	142	22144	0.332	ng		99
16) Acenaphthylene	14.050	152	28516	0.314	ng		100
17) Acenaphthene	14.402	154	20339	0.359	ng		96
18) Fluorene	15.386	166	25489	0.344	ng		100
20) 4,6-Dinitro-2-methylph...	15.461	198	1353	0.422	ng	#	37
21) 4-Bromophenyl-phenylether	16.284	248	7755	0.337	ng	#	92
22) Hexachlorobenzene	16.383	284	9071	0.391	ng		95
23) Atrazine	16.544	200	4588	0.220	ng	#	89
24) Pentachlorophenol	16.731	266	2163	0.264	ng		98
25) Phenanthrene	17.115	178	40450	0.368	ng		100
26) Anthracene	17.215	178	33713	0.310	ng		100
28) Fluoranthene	19.137	202	44354	0.332	ng		99
30) Pyrene	19.504	202	44358	0.359	ng		100
32) Benzo(a)anthracene	21.247	228	34934	0.297	ng		100
33) Chrysene	21.300	228	40405	0.361	ng		99
34) Bis(2-ethylhexyl)phtha...	21.202	149	12623	0.183	ng		96
36) Indeno(1,2,3-cd)pyrene	25.767	276	38906	0.313	ng		97
37) Benzo(b)fluoranthene	22.829	252	36182	0.324	ng		98
38) Benzo(k)fluoranthene	22.876	252	43543m	0.412	ng		
39) Benzo(a)pyrene	23.402	252	29500	0.304	ng	#	95
40) Dibenzo(a,h)anthracene	25.785	278	31089	0.316	ng		95
41) Benzo(g,h,i)perylene	26.452	276	30811	0.291	ng		97

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

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