Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070824\
Data File : BN032550.D
Acq On : 08 Jul 2024 13:38
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024

Quant Time: Jul 08 15:12:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 08 15:11:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.581	152	7404	0.400	ng		0.00
7) Naphthalene-d8	10.357	136	22978	0.400	ng		0.00
13) Acenaphthene-d10	14.221	164	17483	0.400	ng		0.00
19) Phenanthrene-d10	16.991	188	40460	0.400	ng		0.00
29) Chrysene-d12	21.202	240	37573	0.400	ng	#	0.00
35) Perylene-d12	23.420	264	41341	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.198	112	7414	0.352	ng		0.00
5) Phenol-d6	6.787	99	8035	0.291	ng		0.00
8) Nitrobenzene-d5	8.745	82	6577m	0.344	ng		0.00
11) 2-Methylnaphthalene-d10	11.956	152	13411	0.366	ng		0.00
14) 2,4,6-Tribromophenol	15.750	330	3194	0.381	ng		0.00
15) 2-Fluorobiphenyl	12.842	172	21917	0.330	ng		0.00
27) Fluoranthene-d10	19.031	212	40188	0.365	ng		0.00
31) Terphenyl-d14	19.634	244	31399	0.342	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.168	88	3238	0.357	ng		98
3) n-Nitrosodimethylamine	3.486	42	2789	0.324	ng	#	93
6) bis(2-Chloroethyl)ether	7.025	93	7171	0.302	ng		98
9) Naphthalene	10.400	128	21915	0.354	ng		99
10) Hexachlorobutadiene	10.667	225	4739	0.438	ng	#	99
12) 2-Methylnaphthalene	12.032	142	15712	0.372	ng		99
16) Acenaphthylene	13.943	152	25945	0.322	ng		100
17) Acenaphthene	14.285	154	18155	0.350	ng		100
18) Fluorene	15.290	166	24307	0.351	ng		99
20) 4,6-Dinitro-2-methylph...	15.429	198	1744	0.379	ng	#	54
21) 4-Bromophenyl-phenylether	16.184	248	8220	0.358	ng		95
22) Hexachlorobenzene	16.284	284	9135	0.384	ng		96
23) Atrazine	16.470	200	7133	0.339	ng		97
24) Pentachlorophenol	16.656	266	3710	0.416	ng		99
25) Phenanthrene	17.029	178	39939	0.356	ng		100
26) Anthracene	17.128	178	34646	0.333	ng		100
28) Fluoranthene	19.063	202	49934	0.367	ng		99
30) Pyrene	19.430	202	52331	0.351	ng		100
32) Benzo(a)anthracene	21.184	228	47497	0.336	ng		99
33) Chrysene	21.238	228	46015	0.344	ng		99
34) Bis(2-ethylhexyl)phtha...	21.103	149	36793	0.381	ng		99
36) Indeno(1,2,3-cd)pyrene	25.650	276	55284	0.358	ng		99
37) Benzo(b)fluoranthene	22.753	252	50390	0.334	ng		96
38) Benzo(k)fluoranthene	22.797	252	53141	0.373	ng		99
39) Benzo(a)pyrene	23.323	252	44431	0.342	ng		97
40) Dibenzo(a,h)anthracene	25.659	278	43344	0.357	ng		98
41) Benzo(g,h,i)perylene	26.335	276	47509	0.364	ng		98

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

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