Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
Data File : BN033580.D
Acq On : 23 Aug 2024 08:18
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/23/2024
Supervised By :mohammad ahmed 08/24/2024

Quant Time: Aug 23 08:42:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 00:22:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.545	152	9712	0.400	ng		0.00
7) Naphthalene-d8	10.303	136	25247	0.400	ng		0.00
13) Acenaphthene-d10	14.178	164	12489	0.400	ng		0.00
19) Phenanthrene-d10	16.929	188	25597	0.400	ng		0.00
29) Chrysene-d12	21.139	240	22723	0.400	ng		# 0.00
35) Perylene-d12	23.303	264	25704	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.183	112	11114	0.360	ng		0.00
5) Phenol-d6	6.729	99	13559	0.369	ng		0.00
8) Nitrobenzene-d5	8.681	82	7786	0.372	ng		0.00
11) 2-Methylnaphthalene-d10	11.899	152	13360	0.370	ng		0.00
14) 2,4,6-Tribromophenol	15.676	330	2629	0.392	ng		0.00
15) 2-Fluorobiphenyl	12.799	172	18530	0.363	ng		0.00
27) Fluoranthene-d10	18.970	212	25125	0.408	ng		0.00
31) Terphenyl-d14	19.583	244	17363	0.336	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	4075	0.365	ng		93
3) n-Nitrosodimethylamine	3.479	42	4131	0.318	ng		96
6) bis(2-Chloroethyl)ether	6.981	93	9788	0.376	ng		99
9) Naphthalene	10.357	128	24572	0.364	ng		99
10) Hexachlorobutadiene	10.656	225	5017	0.373	ng	#	99
12) 2-Methylnaphthalene	11.975	142	15313	0.359	ng		99
16) Acenaphthylene	13.889	152	19797	0.361	ng		100
17) Acenaphthene	14.242	154	13346	0.346	ng		98
18) Fluorene	15.236	166	16732	0.345	ng		100
20) 4,6-Dinitro-2-methylph...	15.311	198	565	0.141	ng	#	39
21) 4-Bromophenyl-phenylether	16.135	248	5281	0.340	ng		98
22) Hexachlorobenzene	16.246	284	6206	0.362	ng		98
23) Atrazine	16.408	200	4474	0.360	ng		97
24) Pentachlorophenol	16.582	266	3006	0.404	ng		98
25) Phenanthrene	16.966	178	25875	0.363	ng		100
26) Anthracene	17.066	178	23245	0.369	ng		99
28) Fluoranthene	18.998	202	31201	0.396	ng		100
30) Pyrene	19.365	202	33071	0.326	ng		99
32) Benzo(a)anthracene	21.121	228	31314	0.381	ng		99
33) Chrysene	21.175	228	29999	0.367	ng		99
34) Bis(2-ethylhexyl)phtha...	21.085	149	21152m	0.407	ng		
36) Indeno(1,2,3-cd)pyrene	25.452	276	37209	0.349	ng		98
37) Benzo(b)fluoranthene	22.659	252	32935	0.343	ng		99
38) Benzo(k)fluoranthene	22.700	252	32536	0.344	ng		99
39) Benzo(a)pyrene	23.209	252	28996	0.365	ng		98
40) Dibenzo(a,h)anthracene	25.469	278	29541	0.346	ng		98
41) Benzo(g,h,i)perylene	26.101	276	31391	0.344	ng		99

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

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