Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
Data File : BN033542.D
Acq On : 21 Aug 2024 14:18
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

Quant Time: Aug 21 15:26:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.552	152	12863	0.400	ng		0.00
7) Naphthalene-d8	10.314	136	34984	0.400	ng	#	0.00
13) Acenaphthene-d10	14.178	164	16765	0.400	ng		-0.01
19) Phenanthrene-d10	16.929	188	30388	0.400	ng	#	-0.01
29) Chrysene-d12	21.139	240	19756	0.400	ng		0.00
35) Perylene-d12	23.312	264	21556	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.183	112	12105	0.296	ng		0.00
5) Phenol-d6	6.736	99	15292	0.314	ng		0.00
8) Nitrobenzene-d5	8.681	82	10128	0.349	ng		-0.01
11) 2-Methylnaphthalene-d10	11.907	152	17770	0.355	ng		0.00
14) 2,4,6-Tribromophenol	15.676	330	2331	0.259	ng		-0.01
15) 2-Fluorobiphenyl	12.799	172	26219	0.383	ng		-0.01
27) Fluoranthene-d10	18.975	212	23816	0.326	ng		0.00
31) Terphenyl-d14	19.588	244	14540	0.324	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	4951	0.334	ng		99
3) n-Nitrosodimethylamine	3.479	42	5917	0.344	ng		100
6) bis(2-Chloroethyl)ether	6.989	93	13698	0.397	ng		99
9) Naphthalene	10.357	128	35153	0.376	ng		99
10) Hexachlorobutadiene	10.656	225	7096	0.381	ng	#	100
12) 2-Methylnaphthalene	11.983	142	21847	0.369	ng		98
16) Acenaphthylene	13.900	152	26939	0.366	ng		100
17) Acenaphthene	14.242	154	18833	0.364	ng		97
18) Fluorene	15.236	166	22974	0.352	ng		100
20) 4,6-Dinitro-2-methylph...	15.322	198	751	0.158	ng		92
21) 4-Bromophenyl-phenylether	16.135	248	7215	0.391	ng	#	87
22) Hexachlorobenzene	16.247	284	8222	0.404	ng		99
23) Atrazine	16.420	200	5076	0.345	ng	#	93
24) Pentachlorophenol	16.594	266	2484	0.281	ng		97
25) Phenanthrene	16.979	178	31937	0.378	ng		100
26) Anthracene	17.066	178	27571	0.369	ng		99
28) Fluoranthene	19.003	202	32262	0.345	ng		100
30) Pyrene	19.370	202	32551	0.369	ng		100
32) Benzo(a)anthracene	21.130	228	27661	0.387	ng		99
33) Chrysene	21.175	228	27122	0.382	ng		99
34) Bis(2-ethylhexyl)phtha...	21.095	149	16446m	0.364	ng		
36) Indeno(1,2,3-cd)pyrene	25.463	276	34879	0.390	ng		100
37) Benzo(b)fluoranthene	22.668	252	29447	0.366	ng		99
38) Benzo(k)fluoranthene	22.712	252	29159	0.368	ng		98
39) Benzo(a)pyrene	23.218	252	25273	0.379	ng		98
40) Dibenzo(a,h)anthracene	25.481	278	27484	0.384	ng		98
41) Benzo(g,h,i)perylene	26.118	276	29571	0.386	ng		99

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

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