Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092624\
Data File : BN034260.D
Acq On : 27 Sep 2024 00:36
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024

Quant Time: Sep 27 01:35:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 26 14:44:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.394	152	5783	0.400	ng		0.00
7) Naphthalene-d8	10.148	136	15178	0.400	ng		# 0.00
13) Acenaphthene-d10	14.040	164	7225	0.400	ng		0.00
19) Phenanthrene-d10	16.796	188	13292	0.400	ng		# 0.00
29) Chrysene-d12	21.017	240	9244	0.400	ng		0.00
35) Perylene-d12	23.128	264	9653	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.040	112	5032	0.307	ng		0.00
5) Phenol-d6	6.600	99	4553	0.239	ng		0.00
8) Nitrobenzene-d5	8.536	82	3918	0.337	ng		0.00
11) 2-Methylnaphthalene-d10	11.757	152	7221	0.322	ng		0.00
14) 2,4,6-Tribromophenol	15.555	330	360	0.110	ng		0.00
15) 2-Fluorobiphenyl	12.661	172	10551	0.359	ng		0.00
27) Fluoranthene-d10	18.843	212	11543	0.344	ng		0.00
31) Terphenyl-d14	19.466	244	6293	0.341	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.039	88	3131	0.433	ng		94
3) n-Nitrosodimethylamine	3.343	42	3400	0.413	ng	#	90
6) bis(2-Chloroethyl)ether	6.846	93	5407	0.320	ng		93
9) Naphthalene	10.201	128	15870	0.381	ng		100
10) Hexachlorobutadiene	10.490	225	3190	0.406	ng	#	99
12) 2-Methylnaphthalene	11.833	142	9131	0.337	ng		98
16) Acenaphthylene	13.763	152	10884	0.352	ng		99
17) Acenaphthene	14.105	154	8266	0.373	ng		98
18) Fluorene	15.110	166	9956	0.342	ng		100
20) 4,6-Dinitro-2-methylph...	16.300	198	63	0.163	ng	#	1
21) 4-Bromophenyl-phenylether	16.014	248	2704	0.362	ng	#	94
22) Hexachlorobenzene	16.113	284	3419	0.408	ng		97
23) Atrazine	16.300	200	2041m	0.330	ng		
24) Pentachlorophenol	16.461	266	324	0.117	ng		90
25) Phenanthrene	16.846	178	15071m	0.395	ng		
26) Anthracene	16.933	178	10964	0.352	ng		100
28) Fluoranthene	18.876	202	15978	0.361	ng		100
30) Pyrene	19.238	202	16591	0.425	ng		100
32) Benzo(a)anthracene	21.008	228	5872	0.201	ng		99
33) Chrysene	21.053	228	13375	0.383	ng		99
34) Bis(2-ethylhexyl)phtha...	21.008	149	1309	0.107	ng	#	83
36) Indeno(1,2,3-cd)pyrene	25.192	276	15902	0.384	ng		99
37) Benzo(b)fluoranthene	22.508	252	13035	0.345	ng		96
38) Benzo(k)fluoranthene	22.549	252	16003m	0.403	ng		
39) Benzo(a)pyrene	23.034	252	11684	0.379	ng		93
40) Dibenzo(a,h)anthracene	25.212	278	11961	0.372	ng		94
41) Benzo(g,h,i)perylene	25.814	276	15344	0.425	ng		98

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

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