Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112724\
Data File : BN035368.D
Acq On : 28 Nov 2024 04:51
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 12/03/2024

Quant Time: Nov 28 05:19:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 23:03:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.308	152	2051	0.400	ng		0.00
7) Naphthalene-d8	10.052	136	5360	0.400	ng		0.00
13) Acenaphthene-d10	13.967	164	3908	0.400	ng		0.00
19) Phenanthrene-d10	16.723	188	9758	0.400	ng		#-0.01
29) Chrysene-d12	20.974	240	9496	0.400	ng		0.00
35) Perylene-d12	23.067	264	10416	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.968	112	2113	0.412	ng		0.00
5) Phenol-d6	6.513	99	2611	0.423	ng		0.00
8) Nitrobenzene-d5	8.440	82	1292m	0.395	ng		0.00
11) 2-Methylnaphthalene-d10	11.656	152	3309	0.394	ng		0.00
14) 2,4,6-Tribromophenol	15.475	330	1093	0.394	ng		0.00
15) 2-Fluorobiphenyl	12.574	172	5940	0.402	ng		0.00
27) Fluoranthene-d10	18.785	212	10388	0.376	ng		0.00
31) Terphenyl-d14	19.412	244	7482	0.399	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.003	88	770	0.393	ng		100
3) n-Nitrosodimethylamine	3.292	42	671	0.411	ng	#	98
6) bis(2-Chloroethyl)ether	6.759	93	2024	0.390	ng		100
9) Naphthalene	10.105	128	5590	0.395	ng		100
10) Hexachlorobutadiene	10.404	225	1343	0.412	ng	#	100
12) 2-Methylnaphthalene	11.732	142	4014	0.397	ng		99
16) Acenaphthylene	13.679	152	6370	0.388	ng		99
17) Acenaphthene	14.031	154	4272	0.392	ng		100
18) Fluorene	15.026	166	6118	0.392	ng		99
20) 4,6-Dinitro-2-methylph...	15.132	198	349	0.364	ng		98
21) 4-Bromophenyl-phenylether	15.941	248	2214	0.388	ng		99
22) Hexachlorobenzene	16.040	284	2712	0.405	ng		99
23) Atrazine	16.227	200	1469	0.362	ng		98
24) Pentachlorophenol	16.400	266	1108	0.380	ng		87
25) Phenanthrene	16.773	178	10414	0.389	ng		100
26) Anthracene	16.860	178	9214	0.380	ng		100
28) Fluoranthene	18.812	202	13563	0.375	ng		100
30) Pyrene	19.184	202	14155	0.404	ng		100
32) Benzo(a)anthracene	20.956	228	12659	0.381	ng		100
33) Chrysene	21.009	228	13795	0.403	ng		99
34) Bis(2-ethylhexyl)phtha...	20.929	149	4791	0.365	ng		100
36) Indeno(1,2,3-cd)pyrene	25.105	276	15947	0.392	ng		99
37) Benzo(b)fluoranthene	22.453	252	16437	0.431	ng		100
38) Benzo(k)fluoranthene	22.497	252	14678	0.391	ng		99
39) Benzo(a)pyrene	22.980	252	11871	0.378	ng		99
40) Dibenzo(a,h)anthracene	25.128	278	12541	0.390	ng		99
41) Benzo(g,h,i)perylene	25.722	276	12859	0.383	ng		98

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

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