Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112724\
Data File : BN035350.D
Acq On : 27 Nov 2024 15:34
Operator : RC/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED

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

Quant Time: Nov 27 22:52:09 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 22:48:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.308	152	2237	0.400	ng		0.00
7) Naphthalene-d8	10.052	136	5753	0.400	ng		0.00
13) Acenaphthene-d10	13.967	164	4077	0.400	ng		0.00
19) Phenanthrene-d10	16.736	188	10855	0.400	ng		0.00
29) Chrysene-d12	20.974	240	11269	0.400	ng		0.00
35) Perylene-d12	23.067	264	13004	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.968	112	573	0.101	ng		0.00
5) Phenol-d6	6.513	99	686	0.096	ng		0.00
8) Nitrobenzene-d5	8.450	82	327m	0.065	ng		0.01
11) 2-Methylnaphthalene-d10	11.661	152	850	0.083	ng		0.00
14) 2,4,6-Tribromophenol	15.475	330	278	0.095	ng		0.00
15) 2-Fluorobiphenyl	12.574	172	1518	0.092	ng		0.00
27) Fluoranthene-d10	18.785	212	3265	0.098	ng		0.00
31) Terphenyl-d14	19.412	244	2344	0.099	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.003	88	227	0.112	ng	#	87
3) n-Nitrosodimethylamine	3.299	42	187	0.099	ng	#	90
6) bis(2-Chloroethyl)ether	6.759	93	579	0.108	ng		98
9) Naphthalene	10.105	128	1527	0.102	ng	#	91
10) Hexachlorobutadiene	10.404	225	352	0.080	ng	#	97
12) 2-Methylnaphthalene	11.737	142	1042	0.094	ng		96
16) Acenaphthylene	13.679	152	1675	0.096	ng		100
17) Acenaphthene	14.031	154	1143	0.100	ng		99
18) Fluorene	15.026	166	1620	0.096	ng		98
20) 4,6-Dinitro-2-methylph...	15.133	198	103	0.046	ng	#	29
21) 4-Bromophenyl-phenylether	15.941	248	612	0.088	ng	#	94
22) Hexachlorobenzene	16.041	284	720	0.100	ng		97
23) Atrazine	16.227	200	421	0.068	ng	#	86
24) Pentachlorophenol	16.401	266	381	0.114	ng		90
25) Phenanthrene	16.773	178	2963	0.104	ng		99
26) Anthracene	16.860	178	2617	0.100	ng		98
28) Fluoranthene	18.817	202	4173	0.106	ng		99
30) Pyrene	19.184	202	4461	0.119	ng		100
32) Benzo(a)anthracene	20.956	228	4031	0.103	ng		99
33) Chrysene	21.010	228	4123	0.106	ng		97
34) Bis(2-ethylhexyl)phtha...	20.929	149	1999	0.097	ng		99
36) Indeno(1,2,3-cd)pyrene	25.105	276	4586	0.088	ng		97
37) Benzo(b)fluoranthene	22.456	252	4243	0.097	ng	#	82
38) Benzo(k)fluoranthene	22.494	252	4695m	0.107	ng		
39) Benzo(a)pyrene	22.977	252	3913	0.102	ng	#	69
40) Dibenzo(a,h)anthracene	25.126	278	3588	0.087	ng	#	86
41) Benzo(g,h,i)perylene	25.725	276	3863	0.088	ng	#	93

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

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