Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
Data File : BN034536.D
Acq On : 11 Oct 2024 01:26
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 112 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024

Quant Time: Oct 11 01:49:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 00:21:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	7372	0.400	ng	0.00
7) Naphthalene-d8	10.127	136	20497	0.400	ng	# 0.00
13) Acenaphthene-d10	14.019	164	11421	0.400	ng	0.00
19) Phenanthrene-d10	16.783	188	22887	0.400	ng	0.00
29) Chrysene-d12	21.008	240	9143	0.400	ng	# 0.00
35) Perylene-d12	23.113	264	17348	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.011	112	7539	0.360	ng	0.00
5) Phenol-d6	6.571	99	8317	0.342	ng	0.00
8) Nitrobenzene-d5	8.514	82	5294	0.338	ng	0.00
11) 2-Methylnaphthalene-d10	11.727	152	11435	0.378	ng	0.00
14) 2,4,6-Tribromophenol	15.530	330	2102	0.406	ng	0.00
15) 2-Fluorobiphenyl	12.629	172	15636	0.337	ng	0.00
27) Fluoranthene-d10	18.825	212	21967	0.380	ng	0.00
31) Terphenyl-d14	19.447	244	14608	0.800	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	3225	0.350	ng	98
3) n-Nitrosodimethylamine	3.321	42	3169	0.302	ng	# 91
6) bis(2-Chloroethyl)ether	6.817	93	6515	0.303	ng	95
9) Naphthalene	10.169	128	20953	0.372	ng	100
10) Hexachlorobutadiene	10.458	225	4745	0.448	ng	# 98
12) 2-Methylnaphthalene	11.803	142	13158	0.359	ng	100
16) Acenaphthylene	13.730	152	17258	0.353	ng	100
17) Acenaphthene	14.083	154	12688	0.362	ng	99
18) Fluorene	15.077	166	16637	0.362	ng	99
20) 4,6-Dinitro-2-methylph...	16.275	198	132	0.169	ng	# 15
21) 4-Bromophenyl-phenylether	15.989	248	4846	0.377	ng	# 94
22) Hexachlorobenzene	16.088	284	6713	0.465	ng	# 90
23) Atrazine	16.275	200	3731	0.350	ng	# 94
24) Pentachlorophenol	16.448	266	1968	0.413	ng	99
25) Phenanthrene	16.821	178	24550	0.374	ng	100
26) Anthracene	16.920	178	19260	0.359	ng	100
28) Fluoranthene	18.857	202	28011	0.368	ng	99
30) Pyrene	19.224	202	29426	0.763	ng	100
32) Benzo(a)anthracene	21.008	228	2333m	0.081	ng	
33) Chrysene	21.035	228	24353m	0.706	ng	
36) Indeno(1,2,3-cd)pyrene	25.171	276	28432	0.382	ng	95
37) Benzo(b)fluoranthene	22.490	252	24102	0.355	ng	97
38) Benzo(k)fluoranthene	22.531	252	27629	0.387	ng	# 94
39) Benzo(a)pyrene	23.016	252	20609	0.372	ng	94
40) Dibenzo(a,h)anthracene	25.189	278	22022	0.381	ng	97
41) Benzo(g,h,i)perylene	25.791	276	26166	0.403	ng	96

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

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