Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
Data File : BN034550.D
Acq On : 11 Oct 2024 10:27
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 126 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

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

Quant Time: Oct 11 10:59:56 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	7.366	152	5197	0.400	ng		0.00
7) Naphthalene-d8	10.127	136	14347	0.400	ng	#	0.00
13) Acenaphthene-d10	14.015	164	8212	0.400	ng		0.00
19) Phenanthrene-d10	16.778	188	16067	0.400	ng	#	0.00
29) Chrysene-d12	21.006	240	9377	0.400	ng		0.00
35) Perylene-d12	23.114	264	12183	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.011	112	5121	0.347	ng		0.00
5) Phenol-d6	6.571	99	6320	0.368	ng		0.00
8) Nitrobenzene-d5	8.515	82	3302	0.301	ng		0.00
11) 2-Methylnaphthalene-d10	11.727	152	7399	0.349	ng		0.00
14) 2,4,6-Tribromophenol	15.537	330	1180	0.317	ng		0.00
15) 2-Fluorobiphenyl	12.636	172	10743	0.322	ng		0.00
27) Fluoranthene-d10	18.827	212	14557	0.359	ng		0.00
31) Terphenyl-d14	19.450	244	8911	0.476	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.025	88	2393	0.368	ng		97
3) n-Nitrosodimethylamine	3.328	42	2244	0.303	ng	#	93
6) bis(2-Chloroethyl)ether	6.817	93	4517	0.298	ng		97
9) Naphthalene	10.169	128	14178	0.360	ng		100
10) Hexachlorobutadiene	10.458	225	3327	0.448	ng	#	99
12) 2-Methylnaphthalene	11.807	142	8975	0.350	ng		99
16) Acenaphthylene	13.737	152	11798	0.336	ng		100
17) Acenaphthene	14.079	154	9008	0.357	ng		99
18) Fluorene	15.084	166	11382	0.344	ng		100
20) 4,6-Dinitro-2-methylph...	16.282	198	77	0.164	ng	#	1
21) 4-Bromophenyl-phenylether	15.984	248	3319	0.367	ng	#	76
22) Hexachlorobenzene	16.083	284	4834	0.477	ng	#	89
23) Atrazine	16.282	200	2348	0.314	ng	#	95
24) Pentachlorophenol	16.455	266	1089	0.325	ng		98
25) Phenanthrene	16.828	178	16993	0.368	ng		99
26) Anthracene	16.915	178	12940	0.344	ng		99
28) Fluoranthene	18.860	202	19413	0.363	ng		98
30) Pyrene	19.222	202	19993	0.505	ng		100
32) Benzo(a)anthracene	21.006	228	3122m	0.105	ng		
33) Chrysene	21.042	228	17957m	0.507	ng		
36) Indeno(1,2,3-cd)pyrene	25.169	276	19289	0.369	ng		95
37) Benzo(b)fluoranthene	22.494	252	16438	0.344	ng		97
38) Benzo(k)fluoranthene	22.535	252	19399	0.387	ng	#	95
39) Benzo(a)pyrene	23.023	252	14174	0.364	ng		97
40) Dibenzo(a,h)anthracene	25.189	278	14770	0.364	ng		97
41) Benzo(g,h,i)perylene	25.792	276	18230	0.400	ng		95

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

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