Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112124\
Data File : BN035235.D
Acq On : 21 Nov 2024 23:01
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 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 21 23:33:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 14:00:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.322	152	3350	0.400	ng		0.00
7) Naphthalene-d8	10.073	136	7674	0.400	ng		0.00
13) Acenaphthene-d10	13.976	164	4706	0.400	ng		-0.01
19) Phenanthrene-d10	16.746	188	9785	0.400	ng		# 0.00
29) Chrysene-d12	21.008	240	924	0.400	ng		# 0.00
35) Perylene-d12	23.092	264	8785	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	4.975	112	3641	0.428	ng		0.00
5) Phenol-d6	6.528	99	4263	0.400	ng		0.00
8) Nitrobenzene-d5	8.461	82	1450m	0.217	ng		0.00
11) 2-Methylnaphthalene-d10	11.674	152	4455	0.326	ng		0.00
14) 2,4,6-Tribromophenol	15.494	330	1140	0.336	ng		0.00
15) 2-Fluorobiphenyl	12.608	172	1202	0.063	ng		0.00
27) Fluoranthene-d10	18.802	212	9657	0.322	ng		0.00
31) Terphenyl-d14	19.429	244	6336	3.268	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.011	88	1275	0.419	ng		92
3) n-Nitrosodimethylamine	3.307	42	994	0.351	ng	#	88
6) bis(2-Chloroethyl)ether	6.773	93	3222	0.403	ng		97
9) Naphthalene	10.116	128	7849	0.392	ng		100
10) Hexachlorobutadiene	10.415	225	1778	0.303	ng	#	99
12) 2-Methylnaphthalene	11.750	142	5199	0.352	ng		96
16) Acenaphthylene	13.688	152	7880	0.392	ng		99
17) Acenaphthene	14.040	154	5046	0.383	ng		98
18) Fluorene	15.045	166	6711	0.346	ng		99
20) 4,6-Dinitro-2-methylph...	15.142	198	322	0.158	ng	#	47
21) 4-Bromophenyl-phenylether	15.952	248	2324	0.373	ng	#	84
22) Hexachlorobenzene	16.051	284	2690	0.416	ng		98
23) Atrazine	16.250	200	1260	0.225	ng		95
24) Pentachlorophenol	16.411	266	1189	0.393	ng		97
25) Phenanthrene	16.784	178	10390	0.403	ng		99
26) Anthracene	16.883	178	9521	0.403	ng		99
28) Fluoranthene	18.834	202	12485	0.353	ng	#	97
30) Pyrene	19.201	202	12814	4.164	ng		99
32) Benzo(a)anthracene	21.026	228	11745	3.650	ng		96
33) Chrysene	21.026	228	11745	3.685	ng		99
34) Bis(2-ethylhexyl)phtha...	21.026	149	1040	0.616	ng	#	85
36) Indeno(1,2,3-cd)pyrene	25.145	276	13630	0.389	ng	#	90
37) Benzo(b)fluoranthene	22.475	252	11553	0.391	ng	#	95
38) Benzo(k)fluoranthene	22.519	252	11920	0.403	ng	#	94
39) Benzo(a)pyrene	23.002	252	10296	0.396	ng	#	93
40) Dibenzo(a,h)anthracene	25.162	278	10355	0.373	ng	#	90
41) Benzo(g,h,i)perylene	25.762	276	11294	0.382	ng	#	91

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

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