Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035792.D
Acq On : 23 Dec 2024 19:51
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 24 00:13:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.265	152	4653	0.400	ng		0.00
7) Naphthalene-d8	10.009	136	11294	0.400	ng		#-0.01
13) Acenaphthene-d10	13.925	164	6622	0.400	ng		-0.01
19) Phenanthrene-d10	16.698	188	13445	0.400	ng		# 0.00
29) Chrysene-d12	20.947	240	11173	0.400	ng		0.00
35) Perylene-d12	23.029	264	12122	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	4.932	112	4438	0.381	ng		0.00
5) Phenol-d6	6.477	99	4937	0.352	ng		-0.01
8) Nitrobenzene-d5	8.397	82	3336m	0.484	ng		-0.01
11) 2-Methylnaphthalene-d10	11.611	152	6296	0.356	ng		-0.01
14) 2,4,6-Tribromophenol	15.443	330	1460	0.311	ng		-0.01
15) 2-Fluorobiphenyl	12.534	172	10050	0.401	ng		-0.01
27) Fluoranthene-d10	18.752	212	13067	0.343	ng		0.00
31) Terphenyl-d14	19.384	244	9007	0.409	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.982	88	1781	0.400	ng		100
3) n-Nitrosodimethylamine	3.271	42	1450	0.391	ng	#	87
6) bis(2-Chloroethyl)ether	6.716	93	4124	0.350	ng		100
9) Naphthalene	10.052	128	11411	0.383	ng		99
10) Hexachlorobutadiene	10.340	225	2978	0.433	ng	#	99
12) 2-Methylnaphthalene	11.687	142	7291	0.342	ng		100
16) Acenaphthylene	13.636	152	10309	0.371	ng		99
17) Acenaphthene	13.989	154	7045	0.382	ng		99
18) Fluorene	14.994	166	9147	0.346	ng		99
20) 4,6-Dinitro-2-methylph...	15.111	198	441	0.334	ng	#	71
21) 4-Bromophenyl-phenylether	15.904	248	2928	0.372	ng	#	95
22) Hexachlorobenzene	16.003	284	4080	0.442	ng		97
23) Atrazine	16.202	200	2050	0.366	ng		94
24) Pentachlorophenol	16.363	266	1288	0.321	ng		89
25) Phenanthrene	16.736	178	13655	0.370	ng		100
26) Anthracene	16.835	178	11693	0.350	ng		99
28) Fluoranthene	18.780	202	16797	0.337	ng		100
30) Pyrene	19.152	202	17165	0.416	ng		100
32) Benzo(a)anthracene	20.929	228	13119	0.336	ng		100
33) Chrysene	20.983	228	16717	0.415	ng		99
34) Bis(2-ethylhexyl)phtha...	20.902	149	6294	0.408	ng		100
36) Indeno(1,2,3-cd)pyrene	25.050	276	17740	0.374	ng		99
37) Benzo(b)fluoranthene	22.418	252	23904	0.539	ng		99
38) Benzo(k)fluoranthene	22.462	252	18914m	0.433	ng		
39) Benzo(a)pyrene	22.942	252	13375	0.366	ng	#	93
40) Dibenzo(a,h)anthracene	25.067	278	13081	0.350	ng		97
41) Benzo(g,h,i)perylene	25.661	276	15725	0.402	ng		100

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

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