Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035809.D
Acq On : 24 Dec 2024 07:09
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 93 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 07:43:23 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	7.257	152	8362	0.400	ng		-0.01
7) Naphthalene-d8	9.999	136	20753	0.400	ng		#-0.02
13) Acenaphthene-d10	13.914	164	12456	0.400	ng		-0.02
19) Phenanthrene-d10	16.686	188	24922	0.400	ng		#-0.01
29) Chrysene-d12	20.947	240	20198	0.400	ng		0.00
35) Perylene-d12	23.026	264	21431	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	4.924	112	7909	0.378	ng		-0.01
5) Phenol-d6	6.470	99	9085	0.361	ng		-0.02
8) Nitrobenzene-d5	8.397	82	6379m	0.503	ng		-0.01
11) 2-Methylnaphthalene-d10	11.605	152	11679	0.360	ng		-0.02
14) 2,4,6-Tribromophenol	15.443	330	2792	0.316	ng		-0.01
15) 2-Fluorobiphenyl	12.523	172	19125	0.406	ng		-0.02
27) Fluoranthene-d10	18.747	212	23606	0.334	ng		-0.01
31) Terphenyl-d14	19.379	244	16501	0.414	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.974	88	3198	0.400	ng		100
3) n-Nitrosodimethylamine	3.263	42	2673	0.401	ng	#	88
6) bis(2-Chloroethyl)ether	6.716	93	7863	0.372	ng		99
9) Naphthalene	10.052	128	21064	0.385	ng		98
10) Hexachlorobutadiene	10.340	225	5424	0.430	ng	#	100
12) 2-Methylnaphthalene	11.682	142	13794	0.352	ng		98
16) Acenaphthylene	13.625	152	19447	0.372	ng		99
17) Acenaphthene	13.978	154	13250	0.382	ng		99
18) Fluorene	14.983	166	17299	0.348	ng		99
20) 4,6-Dinitro-2-methylph...	15.101	198	892	0.364	ng		99
21) 4-Bromophenyl-phenylether	15.892	248	5717	0.392	ng	#	72
22) Hexachlorobenzene	15.991	284	7638	0.446	ng		97
23) Atrazine	16.189	200	3955	0.381	ng		99
24) Pentachlorophenol	16.363	266	2368	0.318	ng	#	86
25) Phenanthrene	16.736	178	25787	0.377	ng		100
26) Anthracene	16.822	178	22279	0.360	ng		99
28) Fluoranthene	18.780	202	31096	0.337	ng		100
30) Pyrene	19.147	202	32211	0.432	ng		100
32) Benzo(a)anthracene	20.929	228	25428	0.360	ng		99
33) Chrysene	20.983	228	29722	0.408	ng		98
34) Bis(2-ethylhexyl)phtha...	20.902	149	11220	0.402	ng		99
36) Indeno(1,2,3-cd)pyrene	25.047	276	32558	0.389	ng		100
37) Benzo(b)fluoranthene	22.418	252	43862	0.559	ng		98
38) Benzo(k)fluoranthene	22.459	252	32848	0.426	ng		97
39) Benzo(a)pyrene	22.939	252	23952	0.371	ng		100
40) Dibenzo(a,h)anthracene	25.064	278	24090	0.364	ng		99
41) Benzo(g,h,i)perylene	25.658	276	28353	0.410	ng		99

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

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