Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035776.D
Acq On : 23 Dec 2024 10:22
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 58 Sample Multiplier: 1

Quant Time: Dec 23 11:23:28 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

Instrument :
BNA_N
ClientSampleId :

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.264	152	3884	0.400	ng		0.00
7) Naphthalene-d8	10.009	136	10099	0.400	ng		#-0.01
13) Acenaphthene-d10	13.924	164	5893	0.400	ng		-0.01
19) Phenanthrene-d10	16.698	188	11548	0.400	ng		# 0.00
29) Chrysene-d12	20.947	240	8770	0.400	ng		0.00
35) Perylene-d12	23.026	264	8918	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	4.931	112	3917	0.403	ng		0.00
5) Phenol-d6	6.477	99	4314	0.369	ng		-0.01
8) Nitrobenzene-d5	8.397	82	2872m	0.466	ng		-0.01
11) 2-Methylnaphthalene-d10	11.610	152	6074	0.384	ng		-0.01
14) 2,4,6-Tribromophenol	15.442	330	1206	0.288	ng		-0.01
15) 2-Fluorobiphenyl	12.533	172	9436	0.424	ng		-0.01
27) Fluoranthene-d10	18.752	212	11979	0.366	ng		0.00
31) Terphenyl-d14	19.384	244	8267	0.478	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.981	88	1665	0.448	ng		99
3) n-Nitrosodimethylamine	3.278	42	1278	0.413	ng	#	88
6) bis(2-Chloroethyl)ether	6.715	93	3946	0.402	ng		98
9) Naphthalene	10.052	128	10927	0.410	ng		99
10) Hexachlorobutadiene	10.351	225	2685	0.437	ng	#	100
12) 2-Methylnaphthalene	11.686	142	6976	0.366	ng		98
16) Acenaphthylene	13.636	152	9517	0.385	ng		99
17) Acenaphthene	13.989	154	6826	0.415	ng		97
18) Fluorene	14.993	166	8480	0.361	ng		99
20) 4,6-Dinitro-2-methylph...	15.122	198	178	0.157	ng	#	1
21) 4-Bromophenyl-phenylether	15.904	248	2687	0.398	ng	#	94
22) Hexachlorobenzene	16.003	284	3943	0.497	ng		95
23) Atrazine	16.202	200	1724	0.359	ng		95
24) Pentachlorophenol	16.363	266	1350	0.391	ng		89
25) Phenanthrene	16.735	178	12569	0.396	ng		100
26) Anthracene	16.835	178	10686	0.372	ng		99
28) Fluoranthene	18.780	202	15101	0.353	ng		99
30) Pyrene	19.147	202	15291	0.472	ng		99
32) Benzo(a)anthracene	20.929	228	10904	0.355	ng		99
33) Chrysene	20.982	228	14126	0.447	ng		100
34) Bis(2-ethylhexyl)phtha...	20.902	149	4992	0.412	ng		99
36) Indeno(1,2,3-cd)pyrene	25.052	276	12530	0.359	ng		98
37) Benzo(b)fluoranthene	22.418	252	21074	0.646	ng		96
38) Benzo(k)fluoranthene	22.459	252	14978m	0.466	ng		
39) Benzo(a)pyrene	22.942	252	10518	0.391	ng	#	91
40) Dibenzo(a,h)anthracene	25.070	278	9258	0.337	ng		94
41) Benzo(g,h,i)perylene	25.658	276	11833	0.412	ng		99

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

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