Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
Data File : BN034517.D
Acq On : 10 Oct 2024 12:42
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 93 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

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

Quant Time: Oct 10 13:46:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 26 14:44:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.373	152	6079	0.400	ng		-0.02
7) Naphthalene-d8	10.127	136	17121	0.400	ng		-0.02
13) Acenaphthene-d10	14.015	164	9381	0.400	ng		-0.03
19) Phenanthrene-d10	16.778	188	19786	0.400	ng		#-0.02
29) Chrysene-d12	21.006	240	12327	0.400	ng		# 0.00
35) Perylene-d12	23.114	264	19285	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.011	112	6367	0.369	ng		-0.02
5) Phenol-d6	6.571	99	6673	0.333	ng		-0.03
8) Nitrobenzene-d5	8.515	82	4464	0.341	ng		-0.02
11) 2-Methylnaphthalene-d10	11.727	152	9433	0.373	ng		-0.03
14) 2,4,6-Tribromophenol	15.537	330	1725	0.406	ng		-0.01
15) 2-Fluorobiphenyl	12.636	172	12902	0.338	ng		-0.02
27) Fluoranthene-d10	18.827	212	20067	0.402	ng		-0.02
31) Terphenyl-d14	19.450	244	13242	0.538	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.025	88	2802	0.369	ng		95
3) n-Nitrosodimethylamine	3.328	42	2536	0.293	ng	#	81
6) bis(2-Chloroethyl)ether	6.817	93	6031	0.340	ng		94
9) Naphthalene	10.169	128	17456	0.371	ng		100
10) Hexachlorobutadiene	10.468	225	3857	0.436	ng	#	99
12) 2-Methylnaphthalene	11.803	142	11120	0.364	ng		97
16) Acenaphthylene	13.737	152	14579	0.363	ng		100
17) Acenaphthene	14.079	154	10651	0.370	ng		99
18) Fluorene	15.084	166	13397	0.354	ng		99
20) 4,6-Dinitro-2-methylph...	16.282	198	112	0.168	ng	#	1
21) 4-Bromophenyl-phenylether	15.984	248	4242	0.381	ng	#	82
22) Hexachlorobenzene	16.095	284	5774	0.463	ng	#	88
23) Atrazine	16.282	200	3428	0.372	ng		96
24) Pentachlorophenol	16.443	266	2243	0.544	ng		100
25) Phenanthrene	16.828	178	20802	0.366	ng		99
26) Anthracene	16.915	178	17196	0.371	ng		99
28) Fluoranthene	18.855	202	25646	0.390	ng		99
30) Pyrene	19.222	202	27488	0.528	ng		100
32) Benzo(a)anthracene	21.006	228	2026m	0.052	ng		
33) Chrysene	21.042	228	26486m	0.569	ng		
36) Indeno(1,2,3-cd)pyrene	25.169	276	31041	0.376	ng		96
37) Benzo(b)fluoranthene	22.494	252	25524	0.338	ng		98
38) Benzo(k)fluoranthene	22.535	252	28420	0.358	ng		98
39) Benzo(a)pyrene	23.023	252	22579	0.367	ng		95
40) Dibenzo(a,h)anthracene	25.186	278	23991	0.374	ng		98
41) Benzo(g,h,i)perylene	25.795	276	27272	0.378	ng		97

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

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