Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092624\
Data File : BN034247.D
Acq On : 26 Sep 2024 13:58
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 26 14:51:12 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

Instrument :
BNA_N
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
09/27/2024
Supervised By :mohammad ahmed
09/28/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.394	152	6259	0.400	ng		0.00
7) Naphthalene-d8	10.148	136	17310	0.400	ng	#	0.00
13) Acenaphthene-d10	14.047	164	8735	0.400	ng		0.00
19) Phenanthrene-d10	16.803	188	17972	0.400	ng		0.00
29) Chrysene-d12	21.015	240	12986	0.400	ng	#	0.00
35) Perylene-d12	23.128	264	12936	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.033	112	5394	0.304	ng		0.00
5) Phenol-d6	6.600	99	4792	0.232	ng		0.00
8) Nitrobenzene-d5	8.536	82	4329	0.327	ng		0.00
11) 2-Methylnaphthalene-d10	11.753	152	8988	0.352	ng		0.00
14) 2,4,6-Tribromophenol	15.549	330	387	0.098	ng		0.00
15) 2-Fluorobiphenyl	12.657	172	13150	0.370	ng		0.00
27) Fluoranthene-d10	18.845	212	17821	0.393	ng		0.00
31) Terphenyl-d14	19.468	244	10413	0.401	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.046	88	3453	0.441	ng		95
3) n-Nitrosodimethylamine	3.343	42	3159	0.355	ng	#	93
6) bis(2-Chloroethyl)ether	6.838	93	5832	0.319	ng		94
9) Naphthalene	10.201	128	18072	0.380	ng		100
10) Hexachlorobutadiene	10.490	225	3582	0.400	ng	#	99
12) 2-Methylnaphthalene	11.829	142	10893	0.352	ng		100
16) Acenaphthylene	13.759	152	13679	0.366	ng		100
17) Acenaphthene	14.111	154	10455	0.390	ng		99
18) Fluorene	15.106	166	12962	0.368	ng		99
20) 4,6-Dinitro-2-methylph...	16.306	198	114	0.172	ng	#	1
21) 4-Bromophenyl-phenylether	16.008	248	3846	0.381	ng	#	89
22) Hexachlorobenzene	16.108	284	4629	0.409	ng		99
23) Atrazine	16.294	200	2866m	0.342	ng		
24) Pentachlorophenol	16.468	266	276	0.074	ng		94
25) Phenanthrene	16.840	178	19803	0.384	ng		100
26) Anthracene	16.939	178	15086	0.358	ng		99
28) Fluoranthene	18.878	202	23346	0.391	ng		100
30) Pyrene	19.240	202	23839	0.435	ng		100
32) Benzo(a)anthracene	21.006	228	9142	0.223	ng		99
33) Chrysene	21.050	228	17639m	0.360	ng		
34) Bis(2-ethylhexyl)phtha...	21.006	149	1456	0.085	ng	#	86
36) Indeno(1,2,3-cd)pyrene	25.195	276	19261	0.347	ng		98
37) Benzo(b)fluoranthene	22.508	252	17989	0.355	ng		96
38) Benzo(k)fluoranthene	22.549	252	22021	0.414	ng		96
39) Benzo(a)pyrene	23.037	252	15629	0.378	ng		93
40) Dibenzo(a,h)anthracene	25.213	278	14445	0.335	ng		96
41) Benzo(g,h,i)perylene	25.818	276	17640	0.365	ng		98

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

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