Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122023\
Data File : BN029137.D
Acq On : 20 Dec 2023 16:38
Operator : MA/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 20 17:52:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 17:45:31 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.797	152	832	0.400	ng		0.00
7) Naphthalene-d8	10.573	136	1398	0.400	ng		-0.01
13) Acenaphthene-d10	14.426	164	632	0.400	ng		0.00
19) Phenanthrene-d10	17.181	188	1162	0.400	ng	#	0.00
29) Chrysene-d12	21.385	240	630	0.400	ng		0.00
35) Perylene-d12	23.701	264	740	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	8653	4.344	ng		0.00
5) Phenol-d6	7.002	99	9879	4.517	ng		0.00
8) Nitrobenzene-d5	8.961	82	8636	4.736	ng		0.00
11) 2-Methylnaphthalene-d10	12.166	152	10627	5.017	ng		0.00
14) 2,4,6-Tribromophenol	15.927	330	2461	4.454	ng		0.00
15) 2-Fluorobiphenyl	13.057	172	18387	4.982	ng		0.00
27) Fluoranthene-d10	19.215	212	13380	4.757	ng		0.00
31) Terphenyl-d14	19.828	244	8201	4.738	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.348	88	3318	4.259	ng		96
3) n-Nitrosodimethylamine	3.680	42	2675	4.922	ng		91
6) bis(2-Chloroethyl)ether	7.241	93	7690	4.522	ng		95
9) Naphthalene	10.626	128	20941	4.597	ng	#	91
10) Hexachlorobutadiene	10.893	225	6827	4.548	ng	#	100
12) 2-Methylnaphthalene	12.242	142	14381	4.830	ng		96
16) Acenaphthylene	14.148	152	21776	4.889	ng		99
17) Acenaphthene	14.490	154	12914	4.834	ng		96
18) Fluorene	15.473	166	17854	4.953	ng		96
20) 4,6-Dinitro-2-methylph...	15.567	198	2715	4.970	ng	#	45
21) 4-Bromophenyl-phenylether	16.374	248	5565	4.631	ng	#	83
22) Hexachlorobenzene	16.473	284	6309	4.509	ng		98
23) Atrazine	16.672	200	4685	4.660	ng	#	80
24) Pentachlorophenol	16.833	266	4072	4.909	ng		93
25) Phenanthrene	17.218	178	22048	4.599	ng		97
26) Anthracene	17.305	178	21568	4.654	ng		98
28) Fluoranthene	19.248	202	23325	4.706	ng		99
30) Pyrene	19.610	202	23514	4.738	ng		98
32) Benzo(a)anthracene	21.367	228	16970m	4.898	ng		
33) Chrysene	21.420	228	16490	4.814	ng		92
34) Bis(2-ethylhexyl)phtha...	21.313	149	17100	4.873	ng	#	96
36) Indeno(1,2,3-cd)pyrene	26.081	276	22677	4.782	ng	#	65
37) Benzo(b)fluoranthene	22.999	252	18408	4.891	ng	#	70
38) Benzo(k)fluoranthene	23.046	252	18222	4.944	ng	#	71
39) Benzo(a)pyrene	23.601	252	16445	4.896	ng	#	66
40) Dibenzo(a,h)anthracene	26.104	278	17677	4.822	ng	#	71
41) Benzo(g,h,i)perylene	26.806	276	18933	4.691	ng	#	85

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

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