Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122624\
Data File : BN035851.D
Acq On : 26 Dec 2024 13:43
Operator : RC/JU
Sample : PB165723BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 27 00:41:05 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 :
PB165723BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/27/2024
Supervised By :mohammad ahmed 12/30/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.257	152	4815	0.400	ng		-0.01
7) Naphthalene-d8	9.999	136	12194	0.400	ng		#-0.02
13) Acenaphthene-d10	13.914	164	6998	0.400	ng		-0.02
19) Phenanthrene-d10	16.686	188	13642	0.400	ng		#-0.01
29) Chrysene-d12	20.938	240	9729	0.400	ng		#-0.02
35) Perylene-d12	23.024	264	10279	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	4.924	112	4753	0.394	ng		-0.01
5) Phenol-d6	6.470	99	5387	0.372	ng		-0.02
8) Nitrobenzene-d5	8.386	82	4193m	0.563	ng		-0.02
11) 2-Methylnaphthalene-d10	11.600	152	10163	0.533	ng		-0.02
14) 2,4,6-Tribromophenol	15.443	330	1092	0.220	ng		-0.01
15) 2-Fluorobiphenyl	12.523	172	12233	0.462	ng		-0.02
27) Fluoranthene-d10	18.748	212	15328	0.396	ng		-0.01
31) Terphenyl-d14	19.379	244	10902	0.568	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.974	88	1765	0.383	ng	#	87
3) n-Nitrosodimethylamine	3.263	42	1792	0.467	ng	#	83
6) bis(2-Chloroethyl)ether	6.708	93	5144	0.422	ng		99
9) Naphthalene	10.052	128	13946	0.434	ng		99
10) Hexachlorobutadiene	10.340	225	3188	0.430	ng	#	99
12) 2-Methylnaphthalene	11.677	142	8887	0.386	ng		99
16) Acenaphthylene	13.625	152	12780	0.435	ng		99
17) Acenaphthene	13.978	154	8329	0.427	ng		99
18) Fluorene	14.983	166	10609	0.380	ng		99
20) 4,6-Dinitro-2-methylph...	15.101	198	838	0.625	ng	#	87
21) 4-Bromophenyl-phenylether	15.892	248	3440	0.431	ng	#	82
22) Hexachlorobenzene	15.991	284	4808	0.513	ng		94
23) Atrazine	16.189	200	2639	0.465	ng		98
24) Pentachlorophenol	16.363	266	2318	0.569	ng		86
25) Phenanthrene	16.736	178	16253	0.434	ng		100
26) Anthracene	16.823	178	14488	0.427	ng		99
28) Fluoranthene	18.775	202	17781	0.352	ng		98
30) Pyrene	19.147	202	18166	0.506	ng		99
32) Benzo(a)anthracene	20.929	228	14142	0.416	ng		99
33) Chrysene	20.974	228	16427	0.468	ng		99
34) Bis(2-ethylhexyl)phtha...	20.893	149	6713	0.499	ng		100
36) Indeno(1,2,3-cd)pyrene	25.044	276	19633	0.489	ng		99
37) Benzo(b)fluoranthene	22.416	252	20699	0.550	ng		96
38) Benzo(k)fluoranthene	22.456	252	18428	0.498	ng		96
39) Benzo(a)pyrene	22.936	252	14761	0.477	ng	#	93
40) Dibenzo(a,h)anthracene	25.061	278	14898	0.470	ng		96
41) Benzo(g,h,i)perylene	25.652	276	15951	0.481	ng		99

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

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