Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101123\
Data File : BN028234.D
Acq On : 11 Oct 2023 16:00
Operator : MA/JU
Sample : PB156212BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 11 16:33:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 00:42:22 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB156212BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/12/2023
Supervised By :mohammad ahmed 10/13/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	2798	0.400	ng		0.00
7) Naphthalene-d8	10.735	136	9249	0.400	ng	#	0.00
13) Acenaphthene-d10	14.566	164	5269	0.400	ng		0.00
19) Phenanthrene-d10	17.331	188	12187	0.400	ng	#	0.01
29) Chrysene-d12	21.524	240	11273	0.400	ng		0.00
35) Perylene-d12	23.998	264	5102	0.400	ng	#	0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.459	112	3857	0.462	ng		0.00
5) Phenol-d6	7.091	99	4768	0.453	ng		0.00
8) Nitrobenzene-d5	9.123	82	3279	0.417	ng		0.00
11) 2-Methylnaphthalene-d10	12.324	152	5761	0.420	ng		0.00
14) 2,4,6-Tribromophenol	16.077	330	1206	0.500	ng		0.00
15) 2-Fluorobiphenyl	13.186	172	8219	0.433	ng		0.00
27) Fluoranthene-d10	19.360	212	13925	0.455	ng		0.00
31) Terphenyl-d14	19.946	244	12119	0.461	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.335	88	1225	0.390	ng	#	52
3) n-Nitrosodimethylamine	3.689	42	1570	0.437	ng	#	97
6) bis(2-Chloroethyl)ether	7.358	93	3661	0.432	ng		99
9) Naphthalene	10.789	128	10055	0.421	ng		98
10) Hexachlorobutadiene	11.002	225	1658	0.391	ng	#	97
12) 2-Methylnaphthalene	12.400	142	6545	0.392	ng		99
16) Acenaphthylene	14.298	152	9799	0.420	ng		99
17) Acenaphthene	14.630	154	6284	0.422	ng		99
18) Fluorene	15.618	166	8671	0.449	ng		99
20) 4,6-Dinitro-2-methylph...	16.797	198	5	0.031	ng	#	1
21) 4-Bromophenyl-phenylether	16.512	248	2522	0.397	ng	#	72
22) Hexachlorobenzene	16.599	284	2809	0.421	ng		97
24) Pentachlorophenol	16.959	266	17236	5.489	ng		94
25) Phenanthrene	17.368	178	14395	0.438	ng		100
26) Anthracene	17.455	178	13321	0.429	ng		99
28) Fluoranthene	19.393	202	17991	0.474	ng		99
30) Pyrene	19.760	202	16254	0.393	ng		99
32) Benzo(a)anthracene	21.506	228	18133	0.473	ng		96
33) Chrysene	21.560	228	18201	0.492	ng		95
34) Bis(2-ethylhexyl)phtha...	21.372	149	12754	0.505	ng		98
36) Indeno(1,2,3-cd)pyrene	26.601	276	14884	0.867	ng		99
37) Benzo(b)fluoranthene	23.235	252	18321	1.112	ng	#	89
38) Benzo(k)fluoranthene	23.282	252	14735	0.882	ng	#	85
39) Benzo(a)pyrene	23.887	252	9239	0.593	ng	#	67
40) Dibenzo(a,h)anthracene	26.612	278	15286	1.089	ng	#	88
41) Benzo(g,h,i)perylene	27.419	276	11780	0.817	ng	#	88

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

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