Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
Data File : BN028209.D
Acq On : 10 Oct 2023 22:17
Operator : MA/JU
Sample : PB156078BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB156078BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

Quant Time: Oct 11 02:35:04 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	3760	0.400	ng		0.00
7) Naphthalene-d8	10.735	136	11325	0.400	ng		0.00
13) Acenaphthene-d10	14.566	164	5801	0.400	ng		0.00
19) Phenanthrene-d10	17.319	188	11764	0.400	ng	#	0.00
29) Chrysene-d12	21.515	240	10861	0.400	ng		0.00
35) Perylene-d12	23.981	264	12492	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.466	112	4350	0.388	ng		0.00
5) Phenol-d6	7.091	99	4964	0.351	ng		0.00
8) Nitrobenzene-d5	9.123	82	4064	0.422	ng		0.00
11) 2-Methylnaphthalene-d10	12.321	152	8326m	0.496	ng		0.00
14) 2,4,6-Tribromophenol	16.078	330	943	0.355	ng		0.00
15) 2-Fluorobiphenyl	13.187	172	8889	0.425	ng		0.00
27) Fluoranthene-d10	19.356	212	12190	0.413	ng		0.00
31) Terphenyl-d14	19.941	244	11059	0.436	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.357	88	1468	0.348	ng	#	69
3) n-Nitrosodimethylamine	3.704	42	1919	0.397	ng	#	98
6) bis(2-Chloroethyl)ether	7.358	93	4194	0.368	ng		97
9) Naphthalene	10.789	128	11216	0.383	ng		99
10) Hexachlorobutadiene	11.002	225	2033	0.391	ng	#	100
12) 2-Methylnaphthalene	12.396	142	7268	0.355	ng		97
16) Acenaphthylene	14.288	152	35602	1.385	ng		99
17) Acenaphthene	14.630	154	9495	0.580	ng		97
18) Fluorene	15.618	166	10975	0.516	ng		86
20) 4,6-Dinitro-2-methylph...	16.785	198	59	0.377	ng	#	69
21) 4-Bromophenyl-phenylether	16.500	248	2228	0.363	ng		93
22) Hexachlorobenzene	16.599	284	2590	0.403	ng	#	84
23) Atrazine	16.785	200	2061	0.385	ng		95
24) Pentachlorophenol	16.959	266	12684	4.185	ng		94
25) Phenanthrene	17.368	178	13693m	0.432	ng		
26) Anthracene	17.455	178	12422	0.414	ng		98
28) Fluoranthene	19.388	202	16896	0.462	ng		99
30) Pyrene	19.755	202	18196m	0.457	ng		
32) Benzo(a)anthracene	21.498	228	17700	0.479	ng	#	84
33) Chrysene	21.551	228	16040	0.450	ng	#	83
34) Bis(2-ethylhexyl)phtha...	21.372	149	11241	0.462	ng		99
36) Indeno(1,2,3-cd)pyrene	26.574	276	18613	0.443	ng		99
37) Benzo(b)fluoranthene	23.218	252	17118	0.424	ng	#	83
38) Benzo(k)fluoranthene	23.268	252	15741	0.385	ng	#	83
39) Benzo(a)pyrene	23.870	252	15782	0.414	ng	#	84
40) Dibenzo(a,h)anthracene	26.586	278	14896	0.433	ng	#	87
41) Benzo(g,h,i)perylene	27.381	276	15789	0.448	ng	#	87

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

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