Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030321\
Data File : BN013822.D
Acq On : 03 Mar 2021 16:29
Operator : CG/JU
Sample : PB134923BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB134923BS

Manual Integrations APPROVED
mohammad
3/4/2021 11:33:02 AM

Quant Time: Mar 03 17:00:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 25 11:31:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.733	152	6145	0.40	ng		0.00
7) Naphthalene-d8	10.518	136	23335	0.40	ng		#-0.01
13) Acenaphthene-d10	14.372	164	12498	0.40	ng		0.00
19) Phenanthrene-d10	17.116	188	26765	0.40	ng		#-0.01
29) Chrysene-d12	21.293	240	26324	0.40	ng		# 0.00
36) Perylene-d12	23.534	264	25723	0.40	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.325	112	6254	0.38	ng		0.00
5) Phenol-d6	6.895	99	8547	0.39	ng		0.00
8) Nitrobenzene-d5	8.870	82	6681	0.45	ng		-0.01
11) 2-Methylnaphthalene-d10	12.106	152	14927	0.40	ng		-0.01
14) 2,4,6-Tribromophenol	15.856	330	1631	0.32	ng		-0.01
15) 2-Fluorobiphenyl	12.989	172	19704	0.45	ng		-0.01
27) Fluoranthene-d10	19.144	212	30039	0.38	ng		-0.01
31) Terphenyl-d14	19.749	244	23663	0.41	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	3458	0.47	ng		96
3) n-Nitrosodimethylamine	3.585	42	2484	0.43	ng		96
6) bis(2-Chloroethyl)ether	7.161	93	7123	0.46	ng		95
9) Naphthalene	10.568	128	24149	0.42	ng		100
10) Hexachlorobutadiene	10.860	225	4544	0.41	ng	#	99
12) 2-Methylnaphthalene	12.182	142	16163	0.40	ng		99
16) Acenaphthylene	14.080	152	20145	0.36	ng		99
17) Acenaphthene	14.435	154	14379	0.41	ng		99
18) Fluorene	15.425	166	17696	0.39	ng		99
20) 4,6-Dinitro-2-methylph...	15.488	198	901	0.48	ng	#	65
21) 4-Bromophenyl-phenylether	16.313	248	5663	0.39	ng	#	84
22) Hexachlorobenzene	16.423	284	6717	0.44	ng		100
23) Atrazine	16.581	200	3695	0.27	ng		98
24) Pentachlorophenol	16.763	266	1823	0.37	ng		96
25) Phenanthrene	17.153	178	29305	0.42	ng		100
26) Anthracene	17.250	178	24788	0.36	ng		99
28) Fluoranthene	19.174	202	32816	0.39	ng		99
30) Pyrene	19.536	202	33280	0.41	ng		100
32) Benzo(a)anthracene	21.271	228	31331	0.39	ng		97
33) Chrysene	21.324	228	34006	0.43	ng		100
34) Bis(2-ethylhexyl)phtha...	21.218	149	9654	0.25	ng		99
35) Indeno(1,2,3-cd)pyrene	25.789	276	39642	0.41	ng		100
37) Benzo(b)fluoranthene	22.859	252	35342	0.43	ng		96
38) Benzo(k)fluoranthene	22.907	252	35604m	0.45	ng		
39) Benzo(a)pyrene	23.438	252	31594	0.43	ng		96
40) Dibenzo(a,h)anthracene	25.807	278	32423	0.41	ng		97
41) Benzo(g,h,i)perylene	26.481	276	32804	0.41	ng		99

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

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