Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030621\
Data File : BN013859.D
Acq On : 05 Mar 2021 14:51
Operator : CG/JU
Sample : PB135002BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB135002BS

Manual Integrations APPROVED
mohammad
3/8/2021 9:35:50 AM

Quant Time: Mar 05 15:21:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 05 13:34:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.724	152	5608	0.40	ng		0.00
7) Naphthalene-d8	10.505	136	21012	0.40	ng	#	0.00
13) Acenaphthene-d10	14.346	164	11470	0.40	ng		0.00
19) Phenanthrene-d10	17.091	188	25108	0.40	ng		0.00
29) Chrysene-d12	21.268	240	26810	0.40	ng		0.00
36) Perylene-d12	23.500	264	24148	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.317	112	5097	0.34	ng		0.00
5) Phenol-d6	6.887	99	6607	0.33	ng		0.00
8) Nitrobenzene-d5	8.870	82	5372	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.093	152	13424	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.843	330	1356	0.29	ng		0.00
15) 2-Fluorobiphenyl	12.976	172	17883	0.44	ng		0.00
27) Fluoranthene-d10	19.126	212	27387	0.37	ng		0.00
31) Terphenyl-d14	19.727	244	21794	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.255	88	2916	0.43	ng		99
3) n-Nitrosodimethylamine	3.585	42	2047	0.39	ng	#	88
6) bis(2-Chloroethyl)ether	7.153	93	6214	0.44	ng		95
9) Naphthalene	10.556	128	21690	0.42	ng		100
10) Hexachlorobutadiene	10.847	225	4094	0.41	ng	#	99
12) 2-Methylnaphthalene	12.169	142	14376	0.40	ng		99
16) Acenaphthylene	14.067	152	17372	0.34	ng		100
17) Acenaphthene	14.410	154	13056	0.41	ng		99
18) Fluorene	15.399	166	16268	0.40	ng		99
20) 4,6-Dinitro-2-methylph...	15.475	198	996	0.57	ng		91
21) 4-Bromophenyl-phenylether	16.288	248	5220	0.38	ng	#	92
22) Hexachlorobenzene	16.398	284	6261	0.44	ng		100
23) Atrazine	16.556	200	3095	0.24	ng	#	93
24) Pentachlorophenol	16.751	266	1427	0.31	ng		97
25) Phenanthrene	17.140	178	27539	0.42	ng		100
26) Anthracene	17.225	178	22119	0.35	ng		100
28) Fluoranthene	19.151	202	30683	0.39	ng		99
30) Pyrene	19.513	202	30894	0.37	ng		100
32) Benzo(a)anthracene	21.258	228	26659	0.32	ng		99
33) Chrysene	21.311	228	32730	0.41	ng		97
34) Bis(2-ethylhexyl)phtha...	21.194	149	7490	0.19	ng		100
35) Indeno(1,2,3-cd)pyrene	25.735	276	38103	0.39	ng		99
37) Benzo(b)fluoranthene	22.833	252	34047	0.44	ng		98
38) Benzo(k)fluoranthene	22.874	252	34649m	0.46	ng		
39) Benzo(a)pyrene	23.404	252	30301	0.44	ng	#	92
40) Dibenzo(a,h)anthracene	25.752	278	31392	0.43	ng		98
41) Benzo(g,h,i)perylene	26.416	276	31930	0.43	ng		98

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

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