Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021821\
Data File : BN013666.D
Acq On : 18 Feb 2021 11:42
Operator : CG/JU
Sample : PB134685BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB134685BSD

Quant Time: Feb 18 12:14:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 18 10:50:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.547	152	7105	0.40	ng		0.00
7) Naphthalene-d8	10.302	136	28455	0.40	ng		0.00
13) Acenaphthene-d10	14.181	164	16199	0.40	ng		0.00
19) Phenanthrene-d10	16.933	188	34368	0.40	ng	#	0.00
29) Chrysene-d12	21.133	240	33071	0.40	ng		0.00
36) Perylene-d12	23.300	264	30793	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.179	112	6563	0.43	ng		0.00
5) Phenol-d6	6.725	99	8136	0.42	ng		0.00
8) Nitrobenzene-d5	8.679	82	5939	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	11.901	152	17484	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.678	330	1692	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	23465	0.39	ng		0.00
27) Fluoranthene-d10	18.969	212	35203	0.38	ng		0.00
31) Terphenyl-d14	19.580	244	29218	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	2904	0.36	ng		98
3) n-Nitrosodimethylamine	3.496	42	2333	0.40	ng		97
6) bis(2-Chloroethyl)ether	6.983	93	6974	0.41	ng		98
9) Naphthalene	10.352	128	27545	0.39	ng		99
10) Hexachlorobutadiene	10.657	225	4573	0.39	ng	#	100
12) 2-Methylnaphthalene	11.977	142	19023	0.40	ng		99
16) Acenaphthylene	13.889	152	22870	0.37	ng		100
17) Acenaphthene	14.244	154	17479	0.39	ng		100
18) Fluorene	15.234	166	21755	0.39	ng		100
20) 4,6-Dinitro-2-methylph...	15.323	198	1073	0.37	ng	#	81
21) 4-Bromophenyl-phenylether	16.130	248	6471	0.38	ng		97
22) Hexachlorobenzene	16.240	284	7188	0.38	ng		99
23) Atrazine	16.410	200	3833	0.35	ng		98
24) Pentachlorophenol	16.592	266	1431	0.46	ng		98
25) Phenanthrene	16.970	178	35945	0.38	ng		100
26) Anthracene	17.067	178	28813	0.37	ng		100
28) Fluoranthene	18.999	202	38976	0.38	ng		99
30) Pyrene	19.367	202	39477	0.40	ng		99
32) Benzo(a)anthracene	21.122	228	34063	0.39	ng		99
33) Chrysene	21.175	228	40021	0.40	ng		96
34) Bis(2-ethylhexyl)phtha...	21.069	149	9830	0.38	ng		99
35) Indeno(1,2,3-cd)pyrene	25.443	276	43957	0.42	ng		99
37) Benzo(b)fluoranthene	22.657	252	39433	0.37	ng	#	95
38) Benzo(k)fluoranthene	22.698	252	41325	0.38	ng	#	95
39) Benzo(a)pyrene	23.208	252	34363	0.38	ng		96
40) Dibenzo(a,h)anthracene	25.464	278	36600	0.38	ng		98
41) Benzo(g,h,i)perylene	26.097	276	38212	0.37	ng		98

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

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