Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040121\
Data File : BN014175.D
Acq On : 01 Apr 2021 12:58
Operator : CG/JU
Sample : M1843-06MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MW179D-20210324MSD

Quant Time: Apr 01 13:31:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 31 12:15:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	5812	0.40	ng	0.00
7) Naphthalene-d8	10.467	136	21219	0.40	ng	0.00
13) Acenaphthene-d10	14.321	164	10931	0.40	ng	0.00
19) Phenanthrene-d10	17.055	188	21539	0.40	ng	#-0.01
29) Chrysene-d12	21.250	240	21584	0.40	ng	0.00
36) Perylene-d12	23.465	264	21094	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	2446	0.16	ng	0.00
5) Phenol-d6	6.855	99	1832	0.10	ng	0.00
8) Nitrobenzene-d5	8.832	82	5261	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.053	152	13265	0.41	ng	0.00
14) 2,4,6-Tribromophenol	15.805	330	1494	0.43	ng	0.00
15) 2-Fluorobiphenyl	12.938	172	16740	0.41	ng	0.00
27) Fluoranthene-d10	19.094	212	28782	0.51	ng	0.00
31) Terphenyl-d14	19.700	244	28254	0.57	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.231	88	4381	0.59	ng	# 71
3) n-Nitrosodimethylamine	3.569	42	641	0.11	ng	# 88
6) bis(2-Chloroethyl)ether	7.120	93	5701	0.38	ng	99
9) Naphthalene	10.505	128	18373	0.35	ng	99
10) Hexachlorobutadiene	10.796	225	2657	0.28	ng	# 98
12) 2-Methylnaphthalene	12.129	142	12152	0.35	ng	100
16) Acenaphthylene	14.029	152	15963	0.38	ng	99
17) Acenaphthene	14.384	154	11539	0.38	ng	99
18) Fluorene	15.374	166	14300	0.39	ng	99
20) 4,6-Dinitro-2-methylph...	15.450	198	796	0.30	ng	94
21) 4-Bromophenyl-phenylether	16.264	248	4567	0.41	ng	# 88
22) Hexachlorobenzene	16.374	284	4642	0.38	ng	99
23) Atrazine	16.532	200	1901	0.25	ng	98
24) Pentachlorophenol	16.715	266	1708	0.44	ng	97
25) Phenanthrene	17.104	178	26272	0.45	ng	100
26) Anthracene	17.189	178	20938	0.43	ng	100
28) Fluoranthene	19.124	202	28764	0.48	ng	100
30) Pyrene	19.486	202	29466	0.42	ng	100
32) Benzo(a)anthracene	21.229	228	28274	0.47	ng	97
33) Chrysene	21.282	228	29510	0.45	ng	100
34) Bis(2-ethylhexyl)phtha...	21.165	149	11656	0.64	ng	99
35) Indeno(1,2,3-cd)pyrene	25.690	276	34856	0.51	ng	99
37) Benzo(b)fluoranthene	22.798	252	31430	0.42	ng	99
38) Benzo(k)fluoranthene	22.842	252	29840	0.41	ng	99
39) Benzo(a)pyrene	23.369	252	25951	0.41	ng	98
40) Dibenzo(a,h)anthracene	25.704	278	29518	0.45	ng	98
41) Benzo(g,h,i)perylene	26.371	276	29543	0.42	ng	99

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

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