Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032221\
Data File : BN014032.D
Acq On : 23 Mar 2021 03:52
Operator : CG/JU
Sample : M1735-20
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE131D3-20210317

Quant Time: Mar 23 04:35:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 19 14:40:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.700	152	18	0.40	ng	# 0.00
7) Naphthalene-d8	10.480	136	14	0.40	ng	# 0.00
13) Acenaphthene-d10	14.321	164	12	0.40	ng	#-0.01
19) Phenanthrene-d10	17.067	188	24	0.40	ng	# 0.00
29) Chrysene-d12	21.237	240	54	0.40	ng	#-0.01
36) Perylene-d12	23.452	264	6	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	1470	35.49	ng	0.00
5) Phenol-d6	6.863	99	1073	20.39	ng	0.00
8) Nitrobenzene-d5	8.845	82	3521	379.90	ng	0.00
11) 2-Methylnaphthalene-d10	12.062	152	8699	398.69	ng	0.00
14) 2,4,6-Tribromophenol	15.818	330	570	145.57	ng	0.00
15) 2-Fluorobiphenyl	12.951	172	11549	257.70	ng	0.00
27) Fluoranthene-d10	19.091	212	25341	379.97	ng	0.00
31) Terphenyl-d14	19.692	244	23439	197.60	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	8599	362.47	ng	# 90
3) n-Nitrosodimethylamine	3.625	42	73	4.59	ng	# 1
6) bis(2-Chloroethyl)ether	7.129	93	36	0.78	ng	# 88
9) Naphthalene	10.518	128	221	6.35	ng	# 34
10) Hexachlorobutadiene	10.796	225	9	1.38	ng	# 47
12) 2-Methylnaphthalene	12.138	142	99	4.24	ng	# 61
16) Acenaphthylene	14.042	152	18	0.39	ng	# 54
17) Acenaphthene	14.384	154	27	0.80	ng	# 65
18) Fluorene	15.374	166	102	2.39	ng	# 64
20) 4,6-Dinitro-2-methylph...	15.425	198	2	0.74	ng	# 1
21) 4-Bromophenyl-phenylether	16.264	248	12	0.98	ng	# 46
22) Hexachlorobenzene	16.373	284	23	1.62	ng	# 11
23) Atrazine	16.532	200	5	0.59	ng	# 2
24) Pentachlorophenol	16.714	266	25	7.45	ng	# 42
25) Phenanthrene	17.104	178	1166	17.77	ng	94
26) Anthracene	17.201	178	71	1.32	ng	# 71
28) Fluoranthene	19.121	202	331	4.54	ng	# 96
30) Pyrene	19.483	202	203	1.23	ng	# 94
32) Benzo(a)anthracene	21.226	228	105	0.68	ng	# 20
33) Chrysene	21.279	228	111	0.67	ng	# 37
34) Bis(2-ethylhexyl)phtha...	21.162	149	29081	506.69	ng	98
35) Indeno(1,2,3-cd)pyrene	25.657	276	155	0.86	ng	# 58
37) Benzo(b)fluoranthene	22.785	252	172	7.90	ng	# 1
38) Benzo(k)fluoranthene	22.826	252	100	4.66	ng	# 1
39) Benzo(a)pyrene	23.356	252	119	6.38	ng	# 1
40) Dibenzo(a,h)anthracene	25.677	278	110	5.53	ng	# 1
41) Benzo(g,h,i)perylene	26.324	276	125	6.00	ng	# 1

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

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