Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
Data File : BN011008.D
Acq On : 22 Jun 2020 14:28
Operator : CG/JU
Sample : L3043-12MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE139D2-20200616MSD

Quant Time: Jun 22 15:07:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 22 12:02:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2327	0.40	ng		0.00
7) Naphthalene-d8	10.28	136	6964	0.40	ng		0.00
13) Acenaphthene-d10	14.15	164	4003	0.40	ng		0.00
19) Phenanthrene-d10	16.90	188	7370	0.40	ng		-0.01
27) Chrysene-d12	21.12	240	7575	0.40	ng		0.00
34) Perylene-d12	23.26	264	8382	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	588	0.13	ng		0.00
5) Phenol-d6	6.73	99	464	0.09	ng		0.00
8) Nitrobenzene-d5	8.67	82	2050	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	11.88	152	3430	0.32	ng		0.00
14) 2,4,6-Tribromophenol	15.66	330	318	0.22	ng		0.00
15) 2-Fluorobiphenyl	12.76	172	6044	0.38	ng		-0.01
25) Fluoranthene-d10	18.94	212	7575	0.37	ng		0.00
29) Terphenyl-d14	19.56	244	8823	0.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	2881	1.264	ng	#	96
3) n-Nitrosodimethylamine	3.53	42	142	0.107	ng	#	77
6) bis(2-Chloroethyl)ether	6.98	93	1503	0.291	ng		95
9) Naphthalene	10.33	128	5236	0.299	ng		99
10) Hexachlorobutadiene	10.62	225	1167	0.270	ng	#	99
12) 2-Methylnaphthalene	11.95	142	3474	0.297	ng		98
16) Acenaphthylene	13.87	152	4893	0.298	ng		99
17) Acenaphthene	14.21	154	3282	0.294	ng		99
18) Fluorene	15.21	166	4005	0.278	ng		98
20) 4-Bromophenyl-phenylether	16.10	248	1373	0.310	ng	#	78
21) Hexachlorobenzene	16.22	284	1505	0.326	ng		98
22) Pentachlorophenol	16.57	266	405	0.261	ng		98
23) Phenanthrene	16.94	178	7129	0.354	ng		99
24) Anthracene	17.04	178	5866	0.349	ng		99
26) Fluoranthene	18.97	202	8541	0.374	ng		100
28) Pyrene	19.34	202	8571	0.342	ng		100
30) Benzo(a)anthracene	21.10	228	8271	0.371	ng		99
31) Chrysene	21.15	228	9027	0.348	ng		98
32) Bis(2-ethylhexyl)phthalate	21.06	149	4292	0.578	ng		95
33) Indeno(1,2,3-cd)pyrene	25.36	276	11456	0.395	ng		97
35) Benzo(b)fluoranthene	22.63	252	10048	0.353	ng		99
36) Benzo(k)fluoranthene	22.67	252	11446	0.377	ng		99
37) Benzo(a)pyrene	23.17	252	7881	0.322	ng		99
38) Dibenzo(a,h)anthracene	25.38	278	9424	0.338	ng		98
39) Benzo(g,h,i)perylene	26.00	276	10102	0.347	ng		99

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

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