Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
Data File : BN010991.D
Acq On : 20 Jun 2020 06:11
Operator : CG/JU
Sample : L3020-22MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MW-23MSD

Quant Time: Jun 20 06:56:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 12:43:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2483	0.40	ng		0.00
7) Naphthalene-d8	10.28	136	9115	0.40	ng		0.00
13) Acenaphthene-d10	14.15	164	5367	0.40	ng		0.00
19) Phenanthrene-d10	16.91	188	11280	0.40	ng		0.00
27) Chrysene-d12	21.11	240	10702	0.40	ng		0.00
34) Perylene-d12	23.25	264	11003	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	1226	0.26	ng		0.00
5) Phenol-d6	6.73	99	922	0.16	ng		0.00
8) Nitrobenzene-d5	8.67	82	2979	0.44	ng		0.00
11) 2-Methylnaphthalene-d10	11.87	152	5662	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.66	330	1043	0.54	ng		0.00
15) 2-Fluorobiphenyl	12.77	172	10299	0.49	ng		0.00
25) Fluoranthene-d10	18.94	212	12361	0.40	ng		0.00
29) Terphenyl-d14	19.56	244	14127	0.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	405	0.167	ng	#	50
3) n-Nitrosodimethylamine	3.53	42	292	0.207	ng	#	87
6) bis(2-Chloroethyl)ether	6.98	93	2190	0.398	ng		96
9) Naphthalene	10.33	128	8289	0.362	ng		99
10) Hexachlorobutadiene	10.62	225	1561	0.276	ng	#	98
12) 2-Methylnaphthalene	11.95	142	5617	0.366	ng		99
16) Acenaphthylene	13.86	152	7920	0.360	ng		98
17) Acenaphthene	14.21	154	5500	0.367	ng		98
18) Fluorene	15.21	166	7174	0.371	ng		97
20) 4-Bromophenyl-phenylether	16.11	248	2316	0.342	ng		98
21) Hexachlorobenzene	16.22	284	2318	0.328	ng	#	92
22) Pentachlorophenol	16.57	266	2660	1.121	ng		95
23) Phenanthrene	16.94	178	12710	0.413	ng		99
24) Anthracene	17.03	178	11123	0.432	ng		98
26) Fluoranthene	18.97	202	14956	0.428	ng	#	98
28) Pyrene	19.34	202	15123	0.427	ng		99
30) Benzo(a)anthracene	21.09	228	13781	0.438	ng		98
31) Chrysene	21.14	228	13755	0.375	ng		98
32) Bis(2-ethylhexyl)phthalate	21.05	149	7789	0.743	ng		96
33) Indeno(1,2,3-cd)pyrene	25.36	276	15639	0.382	ng	#	96
35) Benzo(b)fluoranthene	22.62	252	13603	0.364	ng	#	97
36) Benzo(k)fluoranthene	22.66	252	13747	0.345	ng		97
37) Benzo(a)pyrene	23.16	252	11607	0.362	ng		98
38) Dibenzo(a,h)anthracene	25.36	278	12896	0.352	ng	#	97
39) Benzo(g,h,i)perylene	25.99	276	13849	0.362	ng		97

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

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