Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061820\
Data File : BN010961.D
Acq On : 18 Jun 2020 19:47
Operator : CG/JU
Sample : L3020-22MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MW-23MSD

Quant Time: Jun 19 04:04:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 18 14:14:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2552	0.40	ng		0.00
7) Naphthalene-d8	10.29	136	9155	0.40	ng		0.00
13) Acenaphthene-d10	14.16	164	5246	0.40	ng		0.00
19) Phenanthrene-d10	16.91	188	10848	0.40	ng		0.00
27) Chrysene-d12	21.11	240	11583	0.40	ng		-0.01
34) Perylene-d12	23.26	264	10804	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	1279	0.26	ng		0.00
5) Phenol-d6	6.74	99	943	0.16	ng		0.00
8) Nitrobenzene-d5	8.67	82	2978	0.44	ng		0.00
11) 2-Methylnaphthalene-d10	11.88	152	5744	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.66	330	1019	0.54	ng		0.00
15) 2-Fluorobiphenyl	12.78	172	10131	0.49	ng		0.00
25) Fluoranthene-d10	18.95	212	11663	0.39	ng		0.00
29) Terphenyl-d14	19.56	244	13222	0.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	428	0.171	ng	#	62
3) n-Nitrosodimethylamine	3.53	42	202	0.139	ng	#	65
6) bis(2-Chloroethyl)ether	6.99	93	2113	0.373	ng		97
9) Naphthalene	10.33	128	8731	0.379	ng		99
10) Hexachlorobutadiene	10.63	225	1716	0.302	ng	#	98
12) 2-Methylnaphthalene	11.96	142	5566	0.361	ng		98
16) Acenaphthylene	13.87	152	7904	0.368	ng		97
17) Acenaphthene	14.22	154	5240	0.358	ng		98
18) Fluorene	15.22	166	7152	0.378	ng		99
20) 4-Bromophenyl-phenylether	16.11	248	2243	0.344	ng		93
21) Hexachlorobenzene	16.22	284	2315	0.340	ng		96
22) Pentachlorophenol	16.57	266	2596	1.137	ng		95
23) Phenanthrene	16.94	178	12185	0.411	ng		99
24) Anthracene	17.04	178	10602	0.429	ng		98
26) Fluoranthene	18.98	202	13926	0.414	ng	#	97
28) Pyrene	19.34	202	14259	0.372	ng		99
30) Benzo(a)anthracene	21.10	228	14995	0.440	ng		98
31) Chrysene	21.15	228	15049	0.379	ng		98
32) Bis(2-ethylhexyl)phthalate	21.06	149	8048	0.709	ng		96
33) Indeno(1,2,3-cd)pyrene	25.37	276	14430	0.325	ng	#	94
35) Benzo(b)fluoranthene	22.63	252	13093	0.356	ng	#	97
36) Benzo(k)fluoranthene	22.67	252	13056	0.334	ng		97
37) Benzo(a)pyrene	23.17	252	11310	0.359	ng		97
38) Dibenzo(a,h)anthracene	25.38	278	12054	0.335	ng	#	96
39) Benzo(g,h,i)perylene	26.00	276	12865	0.343	ng		97

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

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