Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061620\
Data File : BN010911.D
Acq On : 16 Jun 2020 17:41
Operator : CG/JU
Sample : L2988-12MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE108D2-20200608MSD

Manual Integrations APPROVED
mohammad
6/18/2020 11:53:53 AM

Quant Time: Jun 16 18:12:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 16 08:49:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2435	0.40	ng		0.00
7) Naphthalene-d8	10.29	136	9664	0.40	ng		-0.01
13) Acenaphthene-d10	14.17	164	4762	0.40	ng		0.00
19) Phenanthrene-d10	16.91	188	9755	0.40	ng		-0.01
27) Chrysene-d12	21.12	240	9968	0.40	ng		-0.01
34) Perylene-d12	23.27	264	10574	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	688	0.15	ng		0.00
5) Phenol-d6	6.74	99	496	0.09	ng		0.00
8) Nitrobenzene-d5	8.68	82	2270	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	11.89	152	4826	0.32	ng		0.00
14) 2,4,6-Tribromophenol	15.66	330	565	0.33	ng		-0.01
15) 2-Fluorobiphenyl	12.79	172	6513	0.35	ng		0.00
25) Fluoranthene-d10	18.95	212	11552	0.43	ng		0.00
29) Terphenyl-d14	19.56	244	10648	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	8870	3.719	ng		98
3) n-Nitrosodimethylamine	3.53	42	614	0.443	ng	#	96
6) bis(2-Chloroethyl)ether	6.99	93	2804	0.519	ng		95
9) Naphthalene	10.34	128	8556	0.352	ng		99
10) Hexachlorobutadiene	10.63	225	1847	0.308	ng	#	99
12) 2-Methylnaphthalene	11.96	142	5370	0.330	ng		99
16) Acenaphthylene	13.88	152	7056	0.362	ng		100
17) Acenaphthene	14.22	154	4607	0.346	ng		99
18) Fluorene	15.22	166	5931	0.346	ng		100
20) 4-Bromophenyl-phenylether	16.11	248	1820	0.310	ng	#	83
21) Hexachlorobenzene	16.23	284	2057	0.336	ng		98
22) Pentachlorophenol	16.58	266	2325	1.133	ng		93
23) Phenanthrene	16.95	178	9629	0.361	ng		99
24) Anthracene	17.05	178	8016	0.360	ng		99
26) Fluoranthene	18.98	202	11842	0.392	ng	#	98
28) Pyrene	19.35	202	12234	0.371	ng		99
30) Benzo(a)anthracene	21.11	228	10928	0.373	ng		100
31) Chrysene	21.15	228	11713	0.343	ng		99
32) Bis(2-ethylhexyl)phthalate	21.07	149	5735	0.587	ng		97
33) Indeno(1,2,3-cd)pyrene	25.37	276	14002	0.367	ng	#	95
35) Benzo(b)fluoranthene	22.63	252	11854	0.330	ng	#	98
36) Benzo(k)fluoranthene	22.68	252	12627m	0.330	ng		
37) Benzo(a)pyrene	23.18	252	10317	0.335	ng		97
38) Dibenzo(a,h)anthracene	25.39	278	11627	0.331	ng		97
39) Benzo(g,h,i)perylene	26.01	276	12136	0.330	ng		97

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

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