Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082620\
Data File : BN011648.D
Acq On : 26 Aug 2020 16:56
Operator : CG/JU
Sample : L3768-05MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CS-3MSD

Quant Time: Aug 26 18:21:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 25 03:31:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2947	0.40	ng		-0.02
7) Naphthalene-d8	10.53	136	11604	0.40	ng		-0.01
13) Acenaphthene-d10	14.38	164	6776	0.40	ng		-0.01
19) Phenanthrene-d10	17.13	188	14152	0.40	ng		-0.01
29) Chrysene-d12	21.32	240	15644	0.40	ng		-0.01
36) Perylene-d12	23.58	264	19653	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	4238	0.45	ng		0.00
5) Phenol-d6	6.91	99	5502	0.41	ng		0.00
8) Nitrobenzene-d5	8.88	82	5979	0.60	ng		-0.03
11) 2-Methylnaphthalene-d10	12.13	152	7052	0.32	ng		-0.01
14) 2,4,6-Tribromophenol	15.88	330	1335	0.36	ng		0.00
15) 2-Fluorobiphenyl	13.01	172	15107	0.57	ng		-0.01
27) Fluoranthene-d10	19.16	212	14558	0.32	ng		-0.01
31) Terphenyl-d14	19.77	244	23467	0.59	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1922	0.421	ng	#	1
3) n-Nitrosodimethylamine	3.58	42	1697	0.353	ng	#	97
6) bis(2-Chloroethyl)ether	7.17	93	3064	0.324	ng		97
9) Naphthalene	10.58	128	10348	0.314	ng		94
10) Hexachlorobutadiene	10.87	225	2041	0.295	ng	#	98
12) 2-Methylnaphthalene	12.20	142	7253	0.298	ng		98
16) Acenaphthylene	14.10	152	9820	0.275	ng		99
17) Acenaphthene	14.45	154	6513	0.288	ng		96
18) Fluorene	15.44	166	8348	0.285	ng		99
20) 4,6-Dinitro-2-methylphenol	15.51	198	511	0.313	ng	#	41
21) 4-Bromophenyl-phenylether	16.32	248	2356	0.285	ng		99
22) Hexachlorobenzene	16.43	284	2878	0.302	ng		98
23) Atrazine	16.59	200	1962	0.241	ng		98
24) Pentachlorophenol	16.77	266	1644	0.390	ng		98
25) Phenanthrene	17.18	178	13785	0.314	ng		100
26) Anthracene	17.26	178	12481	0.288	ng		99
28) Fluoranthene	19.19	202	16531	0.310	ng		100
30) Pyrene	19.56	202	17468	0.315	ng		99
32) Benzo(a)anthracene	21.30	228	18815	0.333	ng		98
33) Chrysene	21.35	228	18199	0.338	ng		99
34) Bis(2-ethylhexyl)phthalate	21.25	149	11517	0.277	ng		95
35) Indeno(1,2,3-cd)pyrene	25.85	276	27067	0.412	ng	#	100
37) Benzo(b)fluoranthene	22.90	252	21247	0.298	ng	#	97
38) Benzo(k)fluoranthene	22.95	252	21549	0.304	ng		98
39) Benzo(a)pyrene	23.48	252	19548	0.295	ng	#	96
40) Dibenzo(a,h)anthracene	25.87	278	22877	0.330	ng		98
41) Benzo(g,h,i)perylene	26.54	276	23551	0.350	ng		98

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

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