Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
Data File : BN011578.D
Acq On : 22 Aug 2020 09:05
Operator : CG/JU
Sample : L3768-05MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CS-3MS

Quant Time: Aug 24 01:23:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 22 04:52:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1531	0.40	ng		0.00
7) Naphthalene-d8	10.14	136	5218	0.40	ng		-0.01
13) Acenaphthene-d10	14.03	164	2840	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	6043	0.40	ng		0.00
29) Chrysene-d12	21.01	240	4663	0.40	ng		0.00
36) Perylene-d12	23.11	264	5992	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.07	112	1321	0.40	ng		0.00
5) Phenol-d6	6.62	99	1282	0.39	ng		0.00
8) Nitrobenzene-d5	8.54	82	1806	0.53	ng		-0.01
11) 2-Methylnaphthalene-d10	11.74	152	2379	0.26	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	466	0.33	ng		0.00
15) 2-Fluorobiphenyl	12.64	172	6043	0.52	ng		-0.01
27) Fluoranthene-d10	18.83	212	4813	0.24	ng		0.00
31) Terphenyl-d14	19.45	244	7073	0.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	413	0.197	ng	#	100
3) n-Nitrosodimethylamine	3.42	42	346	0.401	ng	#	57
6) bis(2-Chloroethyl)ether	6.87	93	868	0.269	ng		93
9) Naphthalene	10.19	128	3785	0.250	ng		100
10) Hexachlorobutadiene	10.48	225	1013	0.239	ng	#	99
12) 2-Methylnaphthalene	11.82	142	2273	0.218	ng		97
16) Acenaphthylene	13.74	152	3399	0.235	ng		99
17) Acenaphthene	14.09	154	2174	0.229	ng		99
18) Fluorene	15.09	166	2927	0.233	ng		99
20) 4,6-Dinitro-2-methylphenol	15.23	198	115	0.271	ng	#	76
21) 4-Bromophenyl-phenylether	16.02	248	326	0.247	ng	#	92
22) Hexachlorobenzene	16.10	284	1145	0.246	ng		97
23) Atrazine	16.29	200	659	0.210	ng		96
24) Pentachlorophenol	16.46	266	427	0.294	ng		98
25) Phenanthrene	16.82	178	4436	0.233	ng		100
26) Anthracene	16.92	178	3521	0.222	ng		98
28) Fluoranthene	18.86	202	4914	0.201	ng		99
30) Pyrene	19.23	202	4995	0.269	ng		100
32) Benzo(a)anthracene	20.99	228	3858	0.252	ng		99
33) Chrysene	21.05	228	4374	0.251	ng		99
34) Bis(2-ethylhexyl)phthalate	20.96	149	3043	0.437	ng		100
35) Indeno(1,2,3-cd)pyrene	25.13	276	6149	0.389	ng		98
37) Benzo(b)fluoranthene	22.49	252	4468	0.202	ng	#	94
38) Benzo(k)fluoranthene	22.54	252	4842	0.183	ng	#	94
39) Benzo(a)pyrene	23.01	252	4210	0.205	ng	#	95
40) Dibenzo(a,h)anthracene	25.15	278	5006	0.292	ng		93
41) Benzo(g,h,i)perylene	25.75	276	5971	0.292	ng		99

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

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