Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
Data File : BN011590.D
Acq On : 22 Aug 2020 16:56
Operator : CG/JU
Sample : L3729-18MS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
COMP-5-(4-5)MS

Manual Integrations APPROVED
Sohil
8/24/2020 1:51:01 PM

Quant Time: Aug 24 02:32:52 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	1513	0.40	ng		0.00
7) Naphthalene-d8	10.14	136	5566	0.40	ng		-0.01
13) Acenaphthene-d10	14.03	164	3005	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	6198	0.40	ng		0.00
29) Chrysene-d12	21.00	240	5971	0.40	ng		-0.01
36) Perylene-d12	23.10	264	6140	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.07	112	1158	0.36	ng		0.00
5) Phenol-d6	6.61	99	1208	0.37	ng		-0.02
8) Nitrobenzene-d5	8.54	82	1522	0.42	ng		-0.01
11) 2-Methylnaphthalene-d10	11.73	152	2466	0.25	ng		-0.02
14) 2,4,6-Tribromophenol	15.54	330	397	0.27	ng		-0.01
15) 2-Fluorobiphenyl	12.63	172	5419	0.44	ng		-0.03
27) Fluoranthene-d10	18.82	212	4746	0.23	ng		-0.01
31) Terphenyl-d14	19.45	244	7264	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	548	0.265	ng	#	100
3) n-Nitrosodimethylamine	3.43	42	265	0.311	ng	#	77
6) bis(2-Chloroethyl)ether	6.86	93	805	0.252	ng	#	82
9) Naphthalene	10.19	128	8322	0.516	ng		97
10) Hexachlorobutadiene	10.47	225	1134	0.251	ng	#	100
12) 2-Methylnaphthalene	11.81	142	4507	0.406	ng		97
16) Acenaphthylene	13.74	152	13350	0.873	ng		100
17) Acenaphthene	14.09	154	3240	0.323	ng		99
18) Fluorene	15.09	166	5307	0.400	ng		95
20) 4,6-Dinitro-2-methylphenol	15.21	198	253	0.380	ng	#	77
21) 4-Bromophenyl-phenylether	16.02	248	246	0.182	ng	#	74
22) Hexachlorobenzene	16.09	284	1248	0.261	ng		98
23) Atrazine	16.29	200	768	0.238	ng		93
24) Pentachlorophenol	16.46	266	231	0.155	ng		95
25) Phenanthrene	16.82	178	47886	2.454	ng		100
26) Anthracene	16.92	178	13975	0.859	ng		97
28) Fluoranthene	18.85	202	113599	4.526	ng		99
30) Pyrene	19.22	202	143165	6.028	ng		99
32) Benzo(a)anthracene	20.99	228	70027m	3.571	ng		
33) Chrysene	21.04	228	61693	2.765	ng		99
34) Bis(2-ethylhexyl)phthalate	20.95	149	3609	0.405	ng		99
35) Indeno(1,2,3-cd)pyrene	25.12	276	74308	3.667	ng		98
37) Benzo(b)fluoranthene	22.49	252	91947m	4.051	ng		
38) Benzo(k)fluoranthene	22.52	252	37910m	1.402	ng		
39) Benzo(a)pyrene	23.01	252	75363	3.588	ng	#	74
40) Dibenzo(a,h)anthracene	25.13	278	16730m	0.953	ng		
41) Benzo(g,h,i)perylene	25.73	276	91657	4.376	ng		93

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

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