Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
Data File : BN011588.D
Acq On : 22 Aug 2020 15:44
Operator : CG/JU
Sample : PB131113BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB131113BS

Quant Time: Aug 24 01:24:42 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	1571	0.40	ng		0.00
7) Naphthalene-d8	10.14	136	4588	0.40	ng		-0.01
13) Acenaphthene-d10	14.03	164	2797	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	6665	0.40	ng		0.00
29) Chrysene-d12	21.01	240	6196	0.40	ng		0.00
36) Perylene-d12	23.11	264	6144	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.06	112	1139	0.34	ng		0.00
5) Phenol-d6	6.61	99	1177	0.35	ng		-0.02
8) Nitrobenzene-d5	8.55	82	1224	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	11.74	152	2950	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	448	0.32	ng		0.00
15) 2-Fluorobiphenyl	12.64	172	4431	0.39	ng		-0.01
27) Fluoranthene-d10	18.83	212	7802	0.35	ng		0.00
31) Terphenyl-d14	19.45	244	5717	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.10	88	787	0.367	ng	#	100
3) n-Nitrosodimethylamine	3.46	42	260	0.294	ng	#	95
6) bis(2-Chloroethyl)ether	6.86	93	1132	0.342	ng		99
9) Naphthalene	10.19	128	4921	0.370	ng		99
10) Hexachlorobutadiene	10.48	225	1467	0.394	ng	#	99
12) 2-Methylnaphthalene	11.82	142	3344	0.365	ng		99
16) Acenaphthylene	13.74	152	5190	0.365	ng		99
17) Acenaphthene	14.09	154	3444	0.369	ng		99
18) Fluorene	15.09	166	4452	0.361	ng		100
20) 4,6-Dinitro-2-methylphenol	15.23	198	215	0.337	ng		93
21) 4-Bromophenyl-phenylether	16.02	248	430	0.295	ng		94
22) Hexachlorobenzene	16.09	284	1793	0.349	ng		99
23) Atrazine	16.29	200	748	0.216	ng		99
24) Pentachlorophenol	16.47	266	405	0.253	ng		95
25) Phenanthrene	16.82	178	7271	0.347	ng		100
26) Anthracene	16.92	178	6001	0.343	ng		98
28) Fluoranthene	18.86	202	9315	0.345	ng		99
30) Pyrene	19.23	202	9233	0.375	ng		99
32) Benzo(a)anthracene	20.99	228	6827	0.335	ng		99
33) Chrysene	21.05	228	8737	0.377	ng		98
34) Bis(2-ethylhexyl)phthalate	20.95	149	2992	0.324	ng		99
35) Indeno(1,2,3-cd)pyrene	25.13	276	10183	0.484	ng		99
37) Benzo(b)fluoranthene	22.49	252	7896	0.348	ng		93
38) Benzo(k)fluoranthene	22.53	252	10464	0.387	ng		95
39) Benzo(a)pyrene	23.02	252	7495	0.357	ng	#	89
40) Dibenzo(a,h)anthracene	25.15	278	8118	0.462	ng	#	87
41) Benzo(g,h,i)perylene	25.75	276	9317	0.444	ng		95

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

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