Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
Data File : BN011620.D
Acq On : 25 Aug 2020 17:48
Operator : CG/JU
Sample : PB131047BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB131047BS

Quant Time: Aug 25 18:29:27 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	7.76	152	2150	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	9066	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	5806	0.40	ng		0.00
19) Phenanthrene-d10	17.14	188	12946	0.40	ng		0.00
29) Chrysene-d12	21.33	240	13664	0.40	ng		0.00
36) Perylene-d12	23.59	264	13937	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	2711	0.39	ng		0.00
5) Phenol-d6	6.92	99	3823	0.39	ng		0.00
8) Nitrobenzene-d5	8.89	82	3278	0.42	ng		-0.01
11) 2-Methylnaphthalene-d10	12.14	152	6689	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	1108	0.35	ng		0.00
15) 2-Fluorobiphenyl	13.01	172	9188	0.41	ng		-0.01
27) Fluoranthene-d10	19.17	212	15900	0.38	ng		0.00
31) Terphenyl-d14	19.78	244	14391	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	1413	0.424	ng	#	1
3) n-Nitrosodimethylamine	3.60	42	1502	0.428	ng	#	94
6) bis(2-Chloroethyl)ether	7.18	93	2902	0.420	ng		97
9) Naphthalene	10.59	128	10226	0.397	ng		94
10) Hexachlorobutadiene	10.88	225	2222	0.412	ng	#	99
12) 2-Methylnaphthalene	12.21	142	7450	0.392	ng		96
16) Acenaphthylene	14.10	152	11186	0.366	ng		99
17) Acenaphthene	14.46	154	7638	0.394	ng		98
18) Fluorene	15.45	166	9505	0.378	ng		98
20) 4,6-Dinitro-2-methylphenol	15.51	198	649	0.435	ng	#	42
21) 4-Bromophenyl-phenylether	16.34	248	2953	0.391	ng	#	81
22) Hexachlorobenzene	16.44	284	3538	0.405	ng		99
23) Atrazine	16.60	200	1984	0.266	ng		94
24) Pentachlorophenol	16.79	266	1331	0.345	ng		97
25) Phenanthrene	17.17	178	15732	0.391	ng		100
26) Anthracene	17.27	178	14638	0.370	ng		99
28) Fluoranthene	19.20	202	18708	0.384	ng		99
30) Pyrene	19.56	202	19060	0.393	ng		99
32) Benzo(a)anthracene	21.31	228	19779	0.401	ng		100
33) Chrysene	21.36	228	19099	0.407	ng		100
34) Bis(2-ethylhexyl)phthalate	21.26	149	9692	0.263	ng		94
35) Indeno(1,2,3-cd)pyrene	25.87	276	23713	0.414	ng	#	100
37) Benzo(b)fluoranthene	22.91	252	20166	0.399	ng		96
38) Benzo(k)fluoranthene	22.96	252	20645	0.411	ng	#	94
39) Benzo(a)pyrene	23.49	252	18577	0.395	ng		97
40) Dibenzo(a,h)anthracene	25.89	278	19756	0.402	ng	#	94
41) Benzo(g,h,i)perylene	26.56	276	19017	0.398	ng		97

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

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