Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106930.D
Acq On : 28 Jun 2018 19:35
Operator : JU/SJ
Sample : PB110673BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110673BS

Manual Integrations APPROVED
Sohil
6/29/2018 2:30:42 PM

Quant Time: Jun 29 01:34:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	75203	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	280590	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	141551	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	264734	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	166609	20.00	ng		-0.02
86) Perylene-d12	15.68	264	178280	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	564507	127.11	ng		0.00
7) Phenol-d6	6.61	99	702426	126.65	ng		0.00
23) Nitrobenzene-d5	7.52	82	452413	89.60	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	235980	143.84	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	842314	104.02	ng		-0.01
78) Terphenyl-d14	13.07	244	844133	122.73	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	77368	33.885	ng		98
3) Pyridine	3.65	79	227044	36.665	ng		97
4) n-Nitrosodimethylamine	3.62	42	95913	36.468	ng		86
6) Aniline	6.62	93	254053	33.769	ng		96
8) 2-Chlorophenol	6.75	128	214504	44.036	ng		99
9) Benzaldehyde	6.51	77	124084	30.933	ng		95
10) Phenol	6.62	94	260390	41.139	ng		74
11) bis(2-Chloroethyl)ether	6.69	93	209823	40.155	ng		100
12) 1,3-Dichlorobenzene	6.90	146	251573	44.095	ng		98
13) 1,4-Dichlorobenzene	6.97	146	252473	43.772	ng		98
14) 1,2-Dichlorobenzene	7.12	146	235206	44.495	ng		98
15) Benzyl Alcohol	7.10	79	181884	40.842	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.22	45	291004	42.446	ng		77
17) 2-Methylphenol	7.21	107	184041	44.149	ng	#	92
18) Hexachloroethane	7.46	117	86778	42.782	ng		89
19) n-Nitroso-di-n-propylamine	7.37	70	142021	38.848	ng		93
20) 3+4-Methylphenols	7.37	107	218115	50.033	ng	#	69
22) Acetophenone	7.37	105	287458	45.792	ng	#	95
24) Nitrobenzene	7.54	77	230644	44.744	ng		98
25) Isophorone	7.78	82	415969	46.754	ng		99
26) 2-Nitrophenol	7.85	139	122305	50.260	ng		99
27) 2,4-Dimethylphenol	7.89	122	197370	52.475	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	264661	44.304	ng		99
29) 2,4-Dichlorophenol	8.10	162	197031	50.036	ng		93
30) 1,2,4-Trichlorobenzene	8.18	180	224126	51.667	ng		96
31) Naphthalene	8.26	128	624465	47.602	ng		100
32) Benzoic acid	8.02	122	84601	32.962	ng		97
33) 4-Chloroaniline	8.31	127	113890	20.691	ng		98
34) Hexachlorobutadiene	8.37	225	143748	50.856	ng		99
35) Caprolactam	8.69	113	57979	45.169	ng		95
36) 4-Chloro-3-methylphenol	8.80	107	200314	48.330	ng		98
37) 2-Methylnaphthalene	8.95	142	456479	52.498	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	243873	51.159	ng	#	96
40) Hexachlorocyclopentadiene	9.10	237	182150	74.268	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	140569	44.362	ng		93
43) 2,4,5-Trichlorophenol	9.28	196	141099m	42.674	ng		
45) 1,1'-Biphenyl	9.41	154	548016	48.579	ng		98
46) 2-Chloronaphthalene	9.44	162	406296	45.756	ng		97
47) 2-Nitroaniline	9.54	65	120254	40.273	ng		95
48) Acenaphthylene	9.86	152	635765	45.349	ng		99
49) Dimethylphthalate	9.71	163	466257	43.918	ng		98
50) 2,6-Dinitrotoluene	9.78	165	106822	47.517	ng		88
51) Acenaphthene	10.03	154	383416	43.431	ng		97
52) 3-Nitroaniline	9.95	138	64527	24.943	ng		97
53) 2,4-Dinitrophenol	10.07	184	91611	78.486	ng	#	14
54) Dibenzofuran	10.21	168	586920	48.552	ng		95
55) 4-Nitrophenol	10.14	139	102640	56.842	ng		98
56) 2,4-Dinitrotoluene	10.19	165	140106	47.746	ng		89
57) Fluorene	10.55	166	452234	47.144	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	129188	49.152	ng	#	76
59) Diethylphthalate	10.41	149	423555	41.336	ng	#	93
60) 4-Chlorophenyl-phenylether	10.54	204	237251	47.270	ng	#	82
61) 4-Nitroaniline	10.58	138	104724	40.790	ng		96
62) Azobenzene	10.70	77	410335	40.666	ng		93
64) 4,6-Dinitro-2-methylphenol	10.60	198	76448	46.716	ng		77
65) n-Nitrosodiphenylamine	10.65	169	391047	43.916	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	163411	51.721	ng	#	82
67) Hexachlorobenzene	11.10	284	169704	51.320	ng	#	84
68) Atrazine	11.18	200	135275	47.788	ng		94
69) Pentachlorophenol	11.30	266	106909	64.794	ng		98
70) Phenanthrene	11.51	178	644132	50.446	ng		99
71) Anthracene	11.57	178	662543	50.836	ng		99
72) Carbazole	11.72	167	551453	45.193	ng		98
73) Di-n-butylphthalate	12.04	149	587445	40.865	ng		99
74) Fluoranthene	12.71	202	626037	44.483	ng		96
76) Benzidine	12.82	184	276553	58.283	ng		98
77) Pyrene	12.94	202	619098	56.350	ng		99
79) Butylbenzylphthalate	13.54	149	196031	43.397	ng	#	91
80) Benzo(a)anthracene	14.13	228	491830	48.435	ng		100
81) 3,3'-Dichlorobenzidine	14.09	252	98276	27.537	ng	#	96
82) Chrysene	14.17	228	463399m	49.604	ng		
83) Bis(2-ethylhexyl)phthalate	14.09	149	230822	39.969	ng		99
84) Di-n-octyl phthalate	14.72	149	353934	37.598	ng		95
85) Indeno(1,2,3-cd)pyrene	17.26	276	672989	84.890	ng	#	89
87) Benzo(b)fluoranthene	15.22	252	490143	44.258	ng	#	97
88) Benzo(k)fluoranthene	15.25	252	450885	42.753	ng	#	95
89) Benzo(a)pyrene	15.61	252	487560	49.523	ng	#	96
90) Dibenzo(a,h)anthracene	17.27	278	548728	65.766	ng	#	92
91) Benzo(g,h,i)perylene	17.74	276	586931	71.970	ng	#	88

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

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