Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108873.D
Acq On : 7 Sep 2018 20:54
Operator : JU/SJ
Sample : PB112683BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112683BS

Manual Integrations APPROVED
Sohil
9/10/2018 10:39:41 AM

Quant Time: Sep 08 00:11:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	223115	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	834151	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	379704	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	623474	20.00	ng		0.00
75) Chrysene-d12	13.87	240	397887	20.00	ng		0.00
86) Perylene-d12	15.28	264	499279	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1215797	90.27	ng		0.02
7) Phenol-d6	6.38	99	1580487	91.21	ng		0.01
23) Nitrobenzene-d5	7.30	82	1416891	106.30	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	349580	96.44	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	2302702	103.46	ng		0.00
78) Terphenyl-d14	12.83	244	1705146	99.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	240811	37.206	ng		94
3) Pyridine	3.20	79	735577	41.498	ng		90
4) n-Nitrosodimethylamine	3.14	42	327508	48.106	ng	#	91
6) Aniline	6.40	93	786599	33.751	ng		96
8) 2-Chlorophenol	6.52	128	677627	45.457	ng		98
9) Benzaldehyde	6.28	77	386375	31.430	ng		99
10) Phenol	6.39	94	835301	42.086	ng		85
11) bis(2-Chloroethyl)ether	6.48	93	660716	41.556	ng		97
12) 1,3-Dichlorobenzene	6.68	146	714800	42.019	ng		99
13) 1,4-Dichlorobenzene	6.75	146	721627	42.419	ng		99
14) 1,2-Dichlorobenzene	6.91	146	663210	42.296	ng		97
15) Benzyl Alcohol	6.88	79	601302	45.217	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1012226	42.591	ng		97
17) 2-Methylphenol	7.00	107	567704	45.063	ng		98
18) Hexachloroethane	7.25	117	245733	40.061	ng		97
19) n-Nitroso-di-n-propylamine	7.16	70	483525	40.143	ng		99
20) 3+4-Methylphenols	7.15	107	640888	43.428	ng	#	68
22) Acetophenone	7.15	105	876302	46.289	ng	#	90
24) Nitrobenzene	7.32	77	714901	49.987	ng		98
25) Isophorone	7.57	82	1344326	50.563	ng		99
26) 2-Nitrophenol	7.64	139	309074	54.854	ng		99
27) 2,4-Dimethylphenol	7.68	122	619398	54.134	ng		98
28) bis(2-Chloroethoxy)methane	7.78	93	857693	48.250	ng		99
29) 2,4-Dichlorophenol	7.88	162	567923	48.137	ng		96
30) 1,2,4-Trichlorobenzene	7.97	180	572593	44.783	ng		97
31) Naphthalene	8.04	128	1847307	49.224	ng		98
32) Benzoic acid	7.80	122	296613m	40.964	ng		
33) 4-Chloroaniline	8.09	127	399719	23.191	ng		98
34) Hexachlorobutadiene	8.17	225	341580	44.719	ng		98
35) Caprolactam	8.47	113	192520m	48.156	ng		
36) 4-Chloro-3-methylphenol	8.58	107	593599	47.230	ng		98
37) 2-Methylnaphthalene	8.74	142	1229867	49.605	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	545926	48.097	ng		98
40) Hexachlorocyclopentadiene	8.90	237	311245	54.507	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	393888	50.948	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	408510	50.976	ng		97
45) 1,1'-Biphenyl	9.20	154	1441403	49.309	ng		99
46) 2-Chloronaphthalene	9.22	162	1125889	47.624	ng		100
47) 2-Nitroaniline	9.31	65	371027	57.448	ng		99
48) Acenaphthylene	9.64	152	1768761	50.193	ng		98
49) Dimethylphthalate	9.50	163	1348835	50.789	ng		99
50) 2,6-Dinitrotoluene	9.55	165	291557	57.614	ng		95
51) Acenaphthene	9.81	154	1044960	47.919	ng		99
52) 3-Nitroaniline	9.72	138	230424	38.251	ng		96
53) 2,4-Dinitrophenol	9.82	184	57880	36.815	ng	#	15
54) Dibenzofuran	9.98	168	1493956	46.998	ng		97
55) 4-Nitrophenol	9.88	139	419284	93.104	ng		96
56) 2,4-Dinitrotoluene	9.96	165	368172	56.890	ng	#	91
57) Fluorene	10.32	166	1066083	52.261	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	314467	48.659	ng	#	88
59) Diethylphthalate	10.20	149	1315076	47.984	ng		96
60) 4-Chlorophenyl-phenylether	10.31	204	530146	48.662	ng		93
61) 4-Nitroaniline	10.33	138	256855	47.067	ng		97
62) Azobenzene	10.47	77	1303839	46.088	ng		95
64) 4,6-Dinitro-2-methylphenol	10.36	198	50402	24.484	ng		92
65) n-Nitrosodiphenylamine	10.43	169	1076796	51.946	ng		95
66) 4-Bromophenyl-phenylether	10.80	248	366420	52.034	ng		92
67) Hexachlorobenzene	10.87	284	367195	48.848	ng		93
68) Atrazine	10.96	200	358656	54.047	ng		95
69) Pentachlorophenol	11.05	266	327111	71.175	ng		98
70) Phenanthrene	11.27	178	1515730	50.908	ng		99
71) Anthracene	11.32	178	1532351	53.754	ng		98
72) Carbazole	11.48	167	1333628	44.423	ng		99
73) Di-n-butylphthalate	11.82	149	1783945	53.510	ng		100
74) Fluoranthene	12.45	202	1339650	45.445	ng		97
76) Benzidine	12.57	184	1007767	53.439	ng		99
77) Pyrene	12.68	202	1315032	42.951	ng		98
79) Butylbenzylphthalate	13.31	149	593187	43.023	ng	#	94
80) Benzo(a)anthracene	13.86	228	1218858	47.792	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	450188	45.308	ng		97
82) Chrysene	13.90	228	1208907	48.965	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	716026	41.325	ng		98
84) Di-n-octyl phthalate	14.48	149	1403112	48.572	ng		100
85) Indeno(1,2,3-cd)pyrene	16.64	276	1231703	56.372	ng		96
87) Benzo(b)fluoranthene	14.88	252	1362379	50.182	ng		98
88) Benzo(k)fluoranthene	14.91	252	1263339	50.531	ng		98
89) Benzo(a)pyrene	15.22	252	1262065	51.520	ng		99
90) Dibenzo(a,h)anthracene	16.66	278	1038186	48.097	ng		96
91) Benzo(g,h,i)perylene	17.05	276	963341	44.574	ng		95

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

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