Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
Data File : BF108931.D
Acq On : 11 Sep 2018 13:23
Operator : JU/SJ
Sample : PB112743BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112743BSD

Manual Integrations APPROVED
Sohil
9/12/2018 9:11:46 AM

Quant Time: Sep 11 13:57:46 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	172664	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	657979	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	317697	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	624245	20.00	ng		0.00
75) Chrysene-d12	13.88	240	442622	20.00	ng		0.02
86) Perylene-d12	15.28	264	406385	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1243475	119.31	ng		0.02
7) Phenol-d6	6.38	99	1614429	120.39	ng		0.02
23) Nitrobenzene-d5	7.30	82	1041642	99.07	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	430670	142.00	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1774780	95.30	ng		0.00
78) Terphenyl-d14	12.83	244	1842049	97.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	202296	40.388	ng		93
3) Pyridine	3.21	79	573478	41.807	ng		92
4) n-Nitrosodimethylamine	3.15	42	257825	48.936	ng	#	90
6) Aniline	6.40	93	708718	39.294	ng	#	91
8) 2-Chlorophenol	6.53	128	535991	46.461	ng		96
9) Benzaldehyde	6.28	77	285650	30.026	ng		99
10) Phenol	6.40	94	650680	42.364	ng		74
11) bis(2-Chloroethyl)ether	6.48	93	535320	43.507	ng		98
12) 1,3-Dichlorobenzene	6.68	146	588769	44.723	ng		100
13) 1,4-Dichlorobenzene	6.76	146	589904	44.808	ng		97
14) 1,2-Dichlorobenzene	6.91	146	547042	45.081	ng		99
15) Benzyl Alcohol	6.88	79	481765	46.813	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	798926	43.438	ng		96
17) 2-Methylphenol	7.00	107	457527	46.929	ng		98
18) Hexachloroethane	7.25	117	221785	46.721	ng		99
19) n-Nitroso-di-n-propylamine	7.16	70	386114	41.422	ng		98
20) 3+4-Methylphenols	7.15	107	517919	45.350	ng	#	69
22) Acetophenone	7.15	105	712328	47.702	ng	#	91
24) Nitrobenzene	7.32	77	590667	52.359	ng		98
25) Isophorone	7.57	82	1098323	52.371	ng		98
26) 2-Nitrophenol	7.64	139	278753	62.719	ng		97
27) 2,4-Dimethylphenol	7.68	122	493805	54.713	ng		97
28) bis(2-Chloroethoxy)methane	7.78	93	686397	48.953	ng		100
29) 2,4-Dichlorophenol	7.88	162	468595	50.352	ng		97
30) 1,2,4-Trichlorobenzene	7.97	180	473957	46.993	ng		98
31) Naphthalene	8.04	128	1536234	51.895	ng		99
32) Benzoic acid	7.81	122	281779	47.655	ng		99
33) 4-Chloroaniline	8.09	127	510422	37.543	ng		99
34) Hexachlorobutadiene	8.17	225	281747	46.762	ng		99
35) Caprolactam	8.47	113	154339m	48.942	ng		
36) 4-Chloro-3-methylphenol	8.58	107	483373	48.757	ng		99
37) 2-Methylnaphthalene	8.74	142	1031768	52.758	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	429733	45.250	ng		99
40) Hexachlorocyclopentadiene	8.90	237	588060	123.085	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	331754	51.287	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	353033	52.651	ng		94
45) 1,1'-Biphenyl	9.20	154	1181520	48.307	ng		99
46) 2-Chloronaphthalene	9.22	162	946834	47.867	ng		97
47) 2-Nitroaniline	9.31	65	308071	57.010	ng		96
48) Acenaphthylene	9.64	152	1527916	51.821	ng		99
49) Dimethylphthalate	9.50	163	1098457	49.434	ng		98
50) 2,6-Dinitrotoluene	9.56	165	252720	59.686	ng		92
51) Acenaphthene	9.81	154	909675	49.857	ng		99
52) 3-Nitroaniline	9.72	138	228941	45.423	ng		95
53) 2,4-Dinitrophenol	9.83	184	188485	116.395	ng	#	20
54) Dibenzofuran	9.98	168	1298639	48.828	ng		96
55) 4-Nitrophenol	9.89	139	441191	117.090	ng		94
56) 2,4-Dinitrotoluene	9.96	165	337070	62.249	ng	#	96
57) Fluorene	10.32	166	957750	56.114	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	296216	54.781	ng		88
59) Diethylphthalate	10.20	149	1105999	48.231	ng		97
60) 4-Chlorophenyl-phenylether	10.31	204	458527	50.303	ng		95
61) 4-Nitroaniline	10.34	138	276437	60.542	ng		98
62) Azobenzene	10.47	77	1142729	48.277	ng		97
64) 4,6-Dinitro-2-methylphenol	10.37	198	133294	53.397	ng		77
65) n-Nitrosodiphenylamine	10.43	169	956567	46.089	ng		95
66) 4-Bromophenyl-phenylether	10.80	248	324678	46.050	ng	#	87
67) Hexachlorobenzene	10.87	284	343258	45.607	ng	#	90
68) Atrazine	10.96	200	326119	49.083	ng		97
69) Pentachlorophenol	11.06	266	382941	83.221	ng		97
70) Phenanthrene	11.28	178	1489968	49.981	ng		99
71) Anthracene	11.33	178	1528872	53.566	ng		99
72) Carbazole	11.48	167	1406641	46.797	ng		99
73) Di-n-butylphthalate	11.82	149	1689277	50.608	ng		99
74) Fluoranthene	12.46	202	1584397	53.681	ng		97
76) Benzidine	12.58	184	940922	44.852	ng		98
77) Pyrene	12.68	202	1627283	47.778	ng		99
79) Butylbenzylphthalate	13.31	149	745203	48.586	ng		94
80) Benzo(a)anthracene	13.87	228	1313319	46.291	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	397363	35.950	ng		97
82) Chrysene	13.91	228	1333410	48.550	ng		98
83) Bis(2-ethylhexyl)phthalate	13.87	149	864099	44.830	ng		100
84) Di-n-octyl phthalate	14.48	149	1566728	48.755	ng		100
85) Indeno(1,2,3-cd)pyrene	16.65	276	1028233	42.303	ng		95
87) Benzo(b)fluoranthene	14.89	252	1220867	55.249	ng		97
88) Benzo(k)fluoranthene	14.92	252	1078567	53.002	ng		97
89) Benzo(a)pyrene	15.23	252	1069579	53.643	ng		98
90) Dibenzo(a,h)anthracene	16.67	278	843070	47.986	ng		96
91) Benzo(g,h,i)perylene	17.07	276	879780	50.013	ng	#	93

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

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