Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF109035.D
Acq On : 15 Sep 2018 10:01
Operator : JU/SJ
Sample : PB112873BSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112873BSD

Manual Integrations APPROVED
Sohil
9/17/2018 1:59:47 PM

Quant Time: Sep 17 03:33:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	148666	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	552132	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	259971	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	482151	20.00	ng		0.00
75) Chrysene-d12	13.85	240	288782	20.00	ng		0.00
86) Perylene-d12	15.25	264	360971	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	833874	93.16	ng		0.01
7) Phenol-d6	6.36	99	1069500	92.66	ng		0.00
23) Nitrobenzene-d5	7.28	82	982224	99.78	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	276183	97.89	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1670323	100.66	ng		0.00
78) Terphenyl-d14	12.81	244	1565874	128.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	156809	36.802	ng		93
3) Pyridine	3.15	79	454006	40.195	ng		92
4) n-Nitrosodimethylamine	3.09	42	209791	49.179	ng	#	94
6) Aniline	6.38	93	584110	39.154	ng		97
8) 2-Chlorophenol	6.51	128	443522	44.277	ng		97
9) Benzaldehyde	6.26	77	187796	25.476	ng		99
10) Phenol	6.37	94	552334	42.530	ng		82
11) bis(2-Chloroethyl)ether	6.46	93	436650	42.738	ng		97
12) 1,3-Dichlorobenzene	6.66	146	483031	42.166	ng		97
13) 1,4-Dichlorobenzene	6.74	146	484512	42.159	ng		100
14) 1,2-Dichlorobenzene	6.90	146	445139	41.780	ng		97
15) Benzyl Alcohol	6.87	79	389465	44.447	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	639592	43.691	ng		96
17) 2-Methylphenol	6.98	107	371664	45.478	ng		98
18) Hexachloroethane	7.24	117	178957	42.875	ng		99
19) n-Nitroso-di-n-propylamine	7.14	70	318264	41.717	ng		96
20) 3+4-Methylphenols	7.14	107	426737	43.356	ng	#	69
22) Acetophenone	7.13	105	592019	47.215	ng	#	91
24) Nitrobenzene	7.30	77	475369	46.837	ng		98
25) Isophorone	7.55	82	890017	52.597	ng		98
26) 2-Nitrophenol	7.62	139	223232	47.104	ng		99
27) 2,4-Dimethylphenol	7.66	122	402350	54.123	ng		100
28) bis(2-Chloroethoxy)methane	7.76	93	552262	48.499	ng		99
29) 2,4-Dichlorophenol	7.86	162	374713	47.301	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	387070	45.201	ng		96
31) Naphthalene	8.02	128	1251451	48.834	ng		99
32) Benzoic acid	7.80	122	262906	54.124	ng		99
33) 4-Chloroaniline	8.07	127	390893	34.306	ng		99
34) Hexachlorobutadiene	8.15	225	230253	44.043	ng		98
35) Caprolactam	8.44	113	123056m	47.646	ng		
36) 4-Chloro-3-methylphenol	8.56	107	391220	46.912	ng		99
37) 2-Methylnaphthalene	8.71	142	841737	50.388	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	362151	44.260	ng		99
40) Hexachlorocyclopentadiene	8.88	237	384900	93.364	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	260707	47.403	ng		97
43) 2,4,5-Trichlorophenol	9.04	196	285919	49.749	ng		94
45) 1,1'-Biphenyl	9.18	154	981517	47.191	ng		99
46) 2-Chloronaphthalene	9.20	162	767766	46.093	ng		99
47) 2-Nitroaniline	9.30	65	246020	48.044	ng		98
48) Acenaphthylene	9.61	152	1247654	49.680	ng		100
49) Dimethylphthalate	9.48	163	885243	47.642	ng		99
50) 2,6-Dinitrotoluene	9.54	165	201544	48.911	ng		94
51) Acenaphthene	9.79	154	795121	50.845	ng		99
52) 3-Nitroaniline	9.70	138	165604	34.130	ng		93
53) 2,4-Dinitrophenol	9.81	184	147457	92.852	ng	#	17
54) Dibenzofuran	9.96	168	1056395	46.747	ng		98
55) 4-Nitrophenol	9.87	139	329741	92.237	ng		99
56) 2,4-Dinitrotoluene	9.94	165	267611	49.659	ng	#	93
57) Fluorene	10.30	166	771343	51.219	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	243644	51.198	ng		88
59) Diethylphthalate	10.18	149	888087	47.330	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	367184	45.534	ng		93
61) 4-Nitroaniline	10.32	138	212874	46.178	ng		97
62) Azobenzene	10.45	77	907776	47.263	ng		95
64) 4,6-Dinitro-2-methylphenol	10.35	198	99699	43.218	ng		81
65) n-Nitrosodiphenylamine	10.41	169	758363	48.084	ng		96
66) 4-Bromophenyl-phenylether	10.78	248	257697	47.409	ng		92
67) Hexachlorobenzene	10.85	284	272567	46.880	ng	#	91
68) Atrazine	10.94	200	251113	49.738	ng		97
69) Pentachlorophenol	11.04	266	285880	76.852	ng		97
70) Phenanthrene	11.25	178	1186850	50.216	ng		99
71) Anthracene	11.31	178	1209667	50.490	ng		99
72) Carbazole	11.46	167	1072780	45.232	ng		99
73) Di-n-butylphthalate	11.80	149	1325652	47.750	ng		99
74) Fluoranthene	12.44	202	1196821	47.966	ng		97
76) Benzidine	12.55	184	576175	56.363	ng		99
77) Pyrene	12.66	202	1141687	53.225	ng		99
79) Butylbenzylphthalate	13.28	149	522502	54.537	ng		96
80) Benzo(a)anthracene	13.84	228	928541	53.109	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	287476	40.746	ng		96
82) Chrysene	13.88	228	902318	51.583	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	652672	56.263	ng		100
84) Di-n-octyl phthalate	14.46	149	1133037	57.591	ng		98
85) Indeno(1,2,3-cd)pyrene	16.61	276	1112882	79.576	ng		94
87) Benzo(b)fluoranthene	14.86	252	953536	47.749	ng		98
88) Benzo(k)fluoranthene	14.89	252	882400	47.309	ng		97
89) Benzo(a)pyrene	15.20	252	924186	52.112	ng		99
90) Dibenzo(a,h)anthracene	16.62	278	915122	61.420	ng		96
91) Benzo(g,h,i)perylene	17.02	276	934206	62.715	ng	#	93

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

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