Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
Data File : BF100579.D
Acq On : 15 Nov 2017 11:14
Operator : SJ/JU
Sample : PB104203BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 15 13:37:52 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 15 13:27:38 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB104203BS

Manual Integrations APPROVED
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11/16/2017 6:18:21 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	131017	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	534726	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	252035	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	490940	20.00	ng		0.00
75) Chrysene-d12	14.04	240	330905	20.00	ng		0.00
86) Perylene-d12	15.52	264	263140	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	836824	102.39	ng		0.02
7) Phenol-d6	6.52	99	1019944	101.20	ng		0.00
23) Nitrobenzene-d5	7.45	82	669623	82.79	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	287284	111.86	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1278161	77.22	ng		0.00
78) Terphenyl-d14	12.99	244	1171412	81.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	114649	28.784	ng		96
3) Pyridine	3.53	79	313226	28.824	ng		97
4) n-Nitrosodimethylamine	3.48	42	159777	30.283	ng		98
6) Aniline	6.55	93	195728	13.746	ng		98
8) 2-Chlorophenol	6.67	128	309543	35.800	ng		99
9) Benzaldehyde	6.43	77	136963	19.029	ng		97
10) Phenol	6.53	94	371130	35.077	ng		98
11) bis(2-Chloroethyl)ether	6.62	93	293726	33.051	ng		99
12) 1,3-Dichlorobenzene	6.83	146	349017	35.011	ng		95
13) 1,4-Dichlorobenzene	6.90	146	350846	34.773	ng		97
14) 1,2-Dichlorobenzene	7.06	146	328166	35.178	ng		96
15) Benzyl Alcohol	7.02	79	273786	34.806	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	549599	38.666	ng		98
17) 2-Methylphenol	7.13	107	272950	36.940	ng		99
18) Hexachloroethane	7.39	117	122269	36.754	ng		99
19) n-Nitroso-di-n-propylamine	7.29	70	217689	31.144	ng		94
20) 3+4-Methylphenols	7.28	107	326510	34.920	ng	#	90
22) Acetophenone	7.29	105	415963	31.901	ng	#	97
24) Nitrobenzene	7.46	77	331220	39.788	ng		100
25) Isophorone	7.70	82	623004	36.655	ng		100
26) 2-Nitrophenol	7.78	139	179951	46.318	ng		95
27) 2,4-Dimethylphenol	7.82	122	307631	40.376	ng		96
28) bis(2-Chloroethoxy)methane	7.91	93	385468	34.672	ng		100
29) 2,4-Dichlorophenol	8.02	162	282345	38.818	ng		96
30) 1,2,4-Trichlorobenzene	8.10	180	285176	36.246	ng		97
31) Naphthalene	8.19	128	907648	35.241	ng		100
32) Benzoic acid	7.93	122	185961	35.021	ng		97
33) 4-Chloroaniline	8.23	127	85606	7.985	ng		95
34) Hexachlorobutadiene	8.30	225	164458	35.156	ng		97
35) Caprolactam	8.60	113	90747m	36.355	ng		
36) 4-Chloro-3-methylphenol	8.71	107	290606	37.201	ng		98
37) 2-Methylnaphthalene	8.88	142	622825	36.425	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	278463	33.314	ng		98
40) Hexachlorocyclopentadiene	9.03	237	327946	83.361	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	209415	39.530	ng		97
43) 2,4,5-Trichlorophenol	9.19	196	216125	39.376	ng		95
45) 1,1'-Biphenyl	9.34	154	739950	33.945	ng		99
46) 2-Chloronaphthalene	9.37	162	579413	36.639	ng		96
47) 2-Nitroaniline	9.46	65	187058	40.494	ng		99
48) Acenaphthylene	9.79	152	904438	34.511	ng		99
49) Dimethylphthalate	9.64	163	686629	35.682	ng		99
50) 2,6-Dinitrotoluene	9.70	165	155911	40.931	ng		94
51) Acenaphthene	9.96	154	609402	38.234	ng		100
52) 3-Nitroaniline	9.87	138	71773	15.957	ng		98
53) 2,4-Dinitrophenol	9.98	184	158476	89.623	ng	#	15
54) Dibenzofuran	10.13	168	795782	35.622	ng		99
55) 4-Nitrophenol	10.03	139	257021	70.373	ng		91
56) 2,4-Dinitrotoluene	10.11	165	209936	43.688	ng	#	90
57) Fluorene	10.47	166	598877	36.595	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	179648	39.936	ng	#	87
59) Diethylphthalate	10.34	149	675662	35.086	ng		98
60) 4-Chlorophenyl-phenylether	10.46	204	289771	36.095	ng		95
61) 4-Nitroaniline	10.49	138	160197	37.561	ng		91
62) Azobenzene	10.62	77	633666	34.937	ng		95
64) 4,6-Dinitro-2-methylphenol	10.52	198	105430	43.508	ng		81
65) n-Nitrosodiphenylamine	10.58	169	575914	33.737	ng		96
66) 4-Bromophenyl-phenylether	10.95	248	194593	36.975	ng	#	87
67) Hexachlorobenzene	11.02	284	201881	36.677	ng	#	91
68) Atrazine	11.10	200	189430	36.659	ng		96
69) Pentachlorophenol	11.21	266	225880	57.230	ng		99
70) Phenanthrene	11.43	178	911547	35.265	ng		99
71) Anthracene	11.49	178	944358	36.010	ng		100
72) Carbazole	11.64	167	840376	34.730	ng		99
73) Di-n-butylphthalate	11.96	149	1043134	36.837	ng		98
74) Fluoranthene	12.62	202	965278	35.236	ng		96
76) Benzidine	12.73	184	198317	14.965	ng		99
77) Pyrene	12.85	202	980137	41.552	ng		99
79) Butylbenzylphthalate	13.46	149	401583	41.746	ng		97
80) Benzo(a)anthracene	14.03	228	747944	37.534	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	114534	16.042	ng		98
82) Chrysene	14.07	228	705234	36.547	ng		100
83) Bis(2-ethylhexyl)phthalate	14.02	149	495755	39.184	ng		99
84) Di-n-octyl phthalate	14.63	149	690349	31.762	ng		100
85) Indeno(1,2,3-cd)pyrene	17.00	276	639693	40.985	ng		95
87) Benzo(b)fluoranthene	15.09	252	570862	36.618	ng		99
88) Benzo(k)fluoranthene	15.12	252	531966	36.114	ng		97
89) Benzo(a)pyrene	15.45	252	523422	37.872	ng		99
90) Dibenzo(a,h)anthracene	17.02	278	517306	45.768	ng		96
91) Benzo(g,h,i)perylene	17.46	276	556057	50.257	ng		94

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

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