Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100830.D
Acq On : 22 Nov 2017 18:33
Operator : SJ/JU
Sample : PB104479BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 25 01:18:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB104479BS

Manual Integrations APPROVED
Sohil
11/27/2017 3:20:17 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	80989	20.00	ng		-0.02
21) Naphthalene-d8	8.15	136	336990	20.00	ng		-0.02
38) Acenaphthene-d10	9.90	164	161537	20.00	ng		-0.02
63) Phenanthrene-d10	11.39	188	317258	20.00	ng		-0.01
75) Chrysene-d12	14.03	240	237606	20.00	ng		-0.01
86) Perylene-d12	15.50	264	168255	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	636332	125.95	ng		0.00
7) Phenol-d6	6.50	99	782206	125.55	ng		0.00
23) Nitrobenzene-d5	7.43	82	494924	97.10	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	242798	147.50	ng		-0.01
44) 2-Fluorobiphenyl	9.22	172	1056313	99.57	ng		-0.02
78) Terphenyl-d14	12.97	244	1033620	99.95	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	77651	31.537	ng		96
3) Pyridine	3.50	79	238759	35.543	ng		96
4) n-Nitrosodimethylamine	3.45	42	117938	36.161	ng		96
6) Aniline	6.53	93	222054	25.228	ng		98
8) 2-Chlorophenol	6.65	128	249022	46.590	ng		97
9) Benzaldehyde	6.41	77	68930	15.492	ng		98
10) Phenol	6.52	94	293561	44.884	ng		96
11) bis(2-Chloroethyl)ether	6.60	93	230702	41.994	ng		99
12) 1,3-Dichlorobenzene	6.80	146	278922	45.263	ng		96
13) 1,4-Dichlorobenzene	6.88	146	279301	44.781	ng		98
14) 1,2-Dichlorobenzene	7.03	146	266509	46.216	ng		97
15) Benzyl Alcohol	7.00	79	213128	43.832	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	392974	44.724	ng		99
17) 2-Methylphenol	7.12	107	215227	47.121	ng		99
18) Hexachloroethane	7.37	117	93757	45.592	ng		88
19) n-Nitroso-di-n-propylamine	7.28	70	171184	39.619	ng		96
20) 3+4-Methylphenols	7.27	107	260179	45.014	ng	#	81
22) Acetophenone	7.27	105	333779	40.618	ng	#	91
24) Nitrobenzene	7.45	77	251650	47.968	ng		94
25) Isophorone	7.69	82	475478	44.390	ng		99
26) 2-Nitrophenol	7.76	139	144948	57.703	ng		92
27) 2,4-Dimethylphenol	7.80	122	245374	51.102	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	303509	43.319	ng		99
29) 2,4-Dichlorophenol	8.00	162	233652	50.973	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	232719	46.935	ng		95
31) Naphthalene	8.17	128	732844	45.150	ng		99
32) Benzoic acid	7.93	122	88614	28.766	ng		99
33) 4-Chloroaniline	8.22	127	112394	16.636	ng		96
34) Hexachlorobutadiene	8.28	225	134913	45.763	ng		100
35) Caprolactam	8.61	113	74779m	47.536	ng		
36) 4-Chloro-3-methylphenol	8.70	107	236366	48.012	ng		92
37) 2-Methylnaphthalene	8.86	142	511639	47.480	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	242617	45.287	ng		97
40) Hexachlorocyclopentadiene	9.01	237	237147	94.052	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	179753	52.940	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	185309	52.676	ng	#	91
45) 1,1'-Biphenyl	9.32	154	626253	44.824	ng		99
46) 2-Chloronaphthalene	9.35	162	484610	47.812	ng		96
47) 2-Nitroaniline	9.45	65	145536	48.560	ng		96
48) Acenaphthylene	9.77	152	752749	44.814	ng		100
49) Dimethylphthalate	9.63	163	581218	47.125	ng		99
50) 2,6-Dinitrotoluene	9.69	165	129325	52.973	ng		89
51) Acenaphthene	9.94	154	445821	43.641	ng		99
52) 3-Nitroaniline	9.86	138	91852	31.861	ng		93
53) 2,4-Dinitrophenol	9.97	184	90851	83.243	ng	#	13
54) Dibenzofuran	10.11	168	657519	45.923	ng		99
55) 4-Nitrophenol	10.03	139	202661	86.576	ng		94
56) 2,4-Dinitrotoluene	10.10	165	170236	55.274	ng	#	90
57) Fluorene	10.46	166	522793	49.843	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	149280	51.776	ng	#	86
59) Diethylphthalate	10.33	149	580386	47.024	ng		96
60) 4-Chlorophenyl-phenylether	10.45	204	253305	49.229	ng		90
61) 4-Nitroaniline	10.48	138	129476	47.365	ng		88
62) Azobenzene	10.60	77	500851	43.085	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	74019	46.528	ng		86
65) n-Nitrosodiphenylamine	10.56	169	495292	44.899	ng		95
66) 4-Bromophenyl-phenylether	10.93	248	165611	48.695	ng	#	87
67) Hexachlorobenzene	11.00	284	173825	48.868	ng	#	84
68) Atrazine	11.09	200	158517	47.471	ng		97
69) Pentachlorophenol	11.20	266	179522	70.385	ng		97
70) Phenanthrene	11.42	178	770376	46.119	ng		99
71) Anthracene	11.47	178	800817	47.254	ng		99
72) Carbazole	11.62	167	682703	43.659	ng		99
73) Di-n-butylphthalate	11.95	149	894147	48.862	ng		99
74) Fluoranthene	12.60	202	806187	45.539	ng		97
76) Benzidine	12.72	184	96049	10.094	ng		99
77) Pyrene	12.83	202	816905	48.231	ng		100
79) Butylbenzylphthalate	13.44	149	352541	51.038	ng		92
80) Benzo(a)anthracene	14.02	228	653950	45.703	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	133112	25.965	ng		97
82) Chrysene	14.06	228	601401	43.404	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	463113	50.977	ng		99
84) Di-n-octyl phthalate	14.61	149	655272	41.986	ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	516075	46.048	ng		94
87) Benzo(b)fluoranthene	15.07	252	475106	47.662	ng		98
88) Benzo(k)fluoranthene	15.10	252	420292m	44.624	ng		
89) Benzo(a)pyrene	15.44	252	423619	47.936	ng		99
90) Dibenzo(a,h)anthracene	17.00	278	425719	58.906	ng	#	95
91) Benzo(g,h,i)perylene	17.44	276	444054	62.768	ng		94

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

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