Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085668.D
Acq On : 22 Mar 2016 19:43
Operator : UM/SJ
Sample : PB89081BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 23 01:32:51 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB89081BS

Manual Integrations APPROVED
Sohil
3/23/2016 1:30:10 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	122092	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	496713	20.00	ng		-0.02
38) Acenaphthene-d10	9.88	164	250437	20.00	ng		-0.02
63) Phenanthrene-d10	11.35	188	471537	20.00	ng		-0.03
75) Chrysene-d12	13.99	240	402337	20.00	ng		-0.02
86) Perylene-d12	15.41	264	275551	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	784439	107.92	ng		-0.01
7) Phenol-d6	6.47	99	953260	102.25	ng		-0.02
23) Nitrobenzene-d5	7.40	82	594556	69.48	ng		-0.03
41) 2,4,6-Tribromophenol	10.66	330	272563	111.11	ng		-0.02
44) 2-Fluorobiphenyl	9.20	172	1163801	77.54	ng		-0.02
78) Terphenyl-d14	12.94	244	1156594	69.18	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	97454	27.58	ng		97
3) Pyridine	3.22	79	275855	31.79	ng		100
4) n-Nitrosodimethylamine	3.17	42	117013	32.30	ng		99
6) Aniline	6.49	93	185423	14.81	ng		97
8) 2-Chlorophenol	6.62	128	303344	36.07	ng		98
9) Benzaldehyde	6.38	77	42036	6.84	ng		96
10) Phenol	6.48	94	381990	35.97	ng		96
11) bis(2-Chloroethyl)ether	6.57	93	285837	35.71	ng		95
12) 1,3-Dichlorobenzene	6.77	146	291922m	31.86	ng		
13) 1,4-Dichlorobenzene	6.85	146	305612	32.70	ng		98
14) 1,2-Dichlorobenzene	7.01	146	280880	33.85	ng		97
15) Benzyl Alcohol	6.97	79	231701	36.28	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	341709	32.46	ng		99
17) 2-Methylphenol	7.09	107	241014	34.58	ng		98
18) Hexachloroethane	7.34	117	111153	32.94	ng	#	81
19) n-Nitroso-di-n-propylamine	7.25	70	178188	32.00	ng		94
20) 3+4-Methylphenols	7.25	107	293429	36.35	ng		92
22) Acetophenone	7.25	105	377161	32.00	ng	#	96
24) Nitrobenzene	7.42	77	327461	34.96	ng		93
25) Isophorone	7.66	82	587832	34.31	ng		97
26) 2-Nitrophenol	7.74	139	164967	35.64	ng		93
27) 2,4-Dimethylphenol	7.77	122	274882	33.58	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	345736	35.48	ng		99
29) 2,4-Dichlorophenol	7.98	162	252031	37.28	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	243978	32.22	ng		98
31) Naphthalene	8.14	128	829692	33.09	ng		99
32) Benzoic acid	7.90	122	167697	24.50	ng		99
33) 4-Chloroaniline	8.20	127	72370	7.04	ng		97
34) Hexachlorobutadiene	8.26	225	127891	31.69	ng		98
35) Caprolactam	8.56	113	88882m	38.21	ng		
36) 4-Chloro-3-methylphenol	8.68	107	270406	34.25	ng		96
37) 2-Methylnaphthalene	8.84	142	606767	39.70	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	218461	28.76	ng		98
40) Hexachlorocyclopentadiene	8.98	237	209904	61.31	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	166156	31.95	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	184761	34.91	ng	#	90
45) 1,1'-Biphenyl	9.29	154	646023	29.90	ng		99
46) 2-Chloronaphthalene	9.32	162	514586	32.61	ng	#	91
47) 2-Nitroaniline	9.42	65	174160	36.48	ng		98
48) Acenaphthylene	9.74	152	893136	34.97	ng		98
49) Dimethylphthalate	9.60	163	668944	35.40	ng		99
50) 2,6-Dinitrotoluene	9.66	165	128630	32.24	ng		99
51) Acenaphthene	9.91	154	616776	38.48	ng		99
52) 3-Nitroaniline	9.83	138	64440	12.90	ng		86
53) 2,4-Dinitrophenol	9.94	184	134836	55.17	ng	#	63
54) Dibenzofuran	10.08	168	778140	39.87	ng		99
55) 4-Nitrophenol	10.00	139	258114	66.84	ng	#	85
56) 2,4-Dinitrotoluene	10.07	165	207742	39.77	ng		91
57) Fluorene	10.42	166	595487	36.61	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	140302	36.82	ng		99
59) Diethylphthalate	10.30	149	662586	35.26	ng		99
60) 4-Chlorophenyl-phenylether	10.41	204	277649	34.96	ng		94
61) 4-Nitroaniline	10.45	138	172852	35.09	ng		98
62) Azobenzene	10.57	77	699510	38.80	ng		98
64) 4,6-Dinitro-2-methylphenol	10.47	198	86792	28.76	ng		95
65) n-Nitrosodiphenylamine	10.54	169	525651	35.79	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	177044	37.58	ng	#	91
67) Hexachlorobenzene	10.97	284	183359	36.64	ng	#	90
68) Atrazine	11.06	200	193766	43.33	ng		98
69) Pentachlorophenol	11.17	266	197806	65.10	ng		99
70) Phenanthrene	11.38	178	934560	37.59	ng		99
71) Anthracene	11.43	178	848823	32.56	ng		100
72) Carbazole	11.59	167	870921	38.72	ng		99
73) Di-n-butylphthalate	11.92	149	1088433	38.65	ng		99
74) Fluoranthene	12.56	202	851216	32.70	ng		97
76) Benzidine	12.69	184	273321	20.20	ng		97
77) Pyrene	12.79	202	872809	30.21	ng		99
79) Butylbenzylphthalate	13.41	149	407046	29.56	ng	#	74
80) Benzo(a)anthracene	13.98	228	771886	33.05	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	107075	12.51	ng	#	96
82) Chrysene	14.01	228	612480	27.26	ng		100
83) Bis(2-ethylhexyl)phthalate	13.97	149	530746	31.02	ng	#	98
84) Di-n-octyl phthalate	14.57	149	927918	33.28	ng		98
85) Indeno(1,2,3-cd)pyrene	16.79	276	493822	26.30	ng		99
87) Benzo(b)fluoranthene	15.00	252	711880m	39.59	ng		
88) Benzo(k)fluoranthene	15.03	252	475249m	32.08	ng		
89) Benzo(a)pyrene	15.35	252	550521	36.12	ng	#	97
90) Dibenzo(a,h)anthracene	16.80	278	415376	32.67	ng		99
91) Benzo(g,h,i)perylene	17.20	276	407283	33.10	ng		98

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

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