Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052616\
Data File : BF087433.D
Acq On : 27 May 2016 6:14
Operator : UM/SJ
Sample : PB90847BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90847BS

Manual Integrations APPROVED
sohil
5/27/2016 7:38:16 PM

Quant Time: May 27 08:00:26 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	106202	20.00	ng		-0.01
21) Naphthalene-d8	9.54	136	440548	20.00	ng		-0.01
38) Acenaphthene-d10	12.37	164	210919	20.00	ng		-0.02
63) Phenanthrene-d10	14.77	188	402270	20.00	ng		-0.01
75) Chrysene-d12	18.47	240	328372	20.00	ng		-0.01
86) Perylene-d12	20.14	264	249915	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	774821	128.20	ng		0.01
7) Phenol-d6	7.06	99	991723	121.43	ng		-0.01
23) Nitrobenzene-d5	8.42	82	681973	78.02	ng		-0.02
41) 2,4,6-Tribromophenol	13.67	330	235427	116.15	ng		-0.01
44) 2-Fluorobiphenyl	11.31	172	1152093	77.01	ng		-0.02
78) Terphenyl-d14	17.12	244	1071133	69.35	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.92	88	99597	31.23	ng	#	58
3) Pyridine	2.50	79	239178	34.31	ng	#	66
4) n-Nitrosodimethylamine	2.47	42	217216	40.43	ng	#	44
6) Aniline	7.02	93	239342	22.65	ng		93
8) 2-Chlorophenol	7.19	128	307648	40.82	ng		90
9) Benzaldehyde	6.88	77	29358	6.51	ng		98
10) Phenol	7.08	94	383567	43.01	ng		86
11) bis(2-Chloroethyl)ether	7.15	93	295325	40.91	ng		88
12) 1,3-Dichlorobenzene	7.40	146	314174	38.22	ng	#	94
13) 1,4-Dichlorobenzene	7.53	146	328756m	38.95	ng		
14) 1,2-Dichlorobenzene	7.77	146	312443	40.02	ng		99
15) Benzyl Alcohol	7.82	79	240793	40.44	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.01	45	576944	35.52	ng		90
17) 2-Methylphenol	8.02	107	250643	41.49	ng	#	86
18) Hexachloroethane	8.28	117	124380	39.50	ng	#	89
19) n-Nitroso-di-n-propylamine	8.23	70	238013	39.08	ng	#	69
20) 3+4-Methylphenols	8.28	107	318937	43.68	ng	#	58
22) Acetophenone	8.19	105	427194	40.59	ng	#	97
24) Nitrobenzene	8.46	77	357883	38.79	ng		99
25) Isophorone	8.84	82	600672	38.31	ng		98
26) 2-Nitrophenol	8.96	139	152739	40.50	ng	#	64
27) 2,4-Dimethylphenol	9.11	122	267491	40.85	ng		87
28) bis(2-Chloroethoxy)methane	9.23	93	363359	41.15	ng		98
29) 2,4-Dichlorophenol	9.38	162	243632	41.29	ng		98
30) 1,2,4-Trichlorobenzene	9.46	180	263414	39.00	ng		96
31) Naphthalene	9.58	128	878476	39.79	ng		100
32) Benzoic acid	9.44	122	112194	35.06	ng		89
33) 4-Chloroaniline	9.75	127	100301	12.34	ng	#	92
34) Hexachlorobutadiene	9.78	225	153247	37.32	ng		98
35) Caprolactam	10.33	113	76368m	44.34	ng		
36) 4-Chloro-3-methylphenol	10.59	107	278315	41.72	ng		93
37) 2-Methylnaphthalene	10.70	142	567136m	41.12	ng		
39) 1,2,4,5-Tetrachlorobenzene	10.97	216	244049	36.15	ng		98
40) Hexachlorocyclopentadiene	10.95	237	166975	62.45	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.21	196	142753	36.63	ng		95
43) 2,4,5-Trichlorophenol	11.29	196	141577	35.67	ng	#	85
45) 1,1'-Biphenyl	11.47	154	699169	39.37	ng		98
46) 2-Chloronaphthalene	11.48	162	522076	38.43	ng		95
47) 2-Nitroaniline	11.70	65	201599	41.19	ng	#	74
48) Acenaphthylene	12.14	152	819484	38.10	ng		99
49) Dimethylphthalate	12.02	163	640354	37.90	ng		99
50) 2,6-Dinitrotoluene	12.11	165	134626	39.54	ng	#	72
51) Acenaphthene	12.42	154	507411	38.38	ng		98
52) 3-Nitroaniline	12.39	138	72858	20.85	ng	#	79
53) 2,4-Dinitrophenol	12.59	184	96545	57.42	ng	#	83
54) Dibenzofuran	12.71	168	757714	42.33	ng		96
55) 4-Nitrophenol	12.79	139	111517	66.91	ng	#	45
56) 2,4-Dinitrotoluene	12.78	165	189838	41.72	ng	#	85
57) Fluorene	13.26	166	607515	39.14	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.95	232	124889	40.91	ng		97
59) Diethylphthalate	13.17	149	621253	37.82	ng		100
60) 4-Chlorophenyl-phenylether	13.29	204	279031	36.87	ng		92
61) 4-Nitroaniline	13.39	138	129179	39.61	ng	#	67
62) Azobenzene	13.54	77	746868	43.83	ng		85
64) 4,6-Dinitro-2-methylphenol	13.45	198	91148	35.64	ng	#	84
65) n-Nitrosodiphenylamine	13.51	169	520925	40.04	ng		99
66) 4-Bromophenyl-phenylether	14.08	248	167113	37.97	ng	#	87
67) Hexachlorobenzene	14.15	284	175495	38.13	ng	#	85
68) Atrazine	14.42	200	157825	38.06	ng		93
69) Pentachlorophenol	14.51	266	74751	54.40	ng		95
70) Phenanthrene	14.81	178	909772	40.83	ng		99
71) Anthracene	14.89	178	903787	40.15	ng		99
72) Carbazole	15.19	167	827204	43.09	ng		99
73) Di-n-butylphthalate	15.76	149	942532	37.96	ng	#	98
74) Fluoranthene	16.57	202	944094	42.25	ng		93
76) Benzidine	16.81	184	205417	24.31	ng		96
77) Pyrene	16.87	202	924555	39.12	ng		99
79) Butylbenzylphthalate	17.78	149	386766	36.90	ng	#	73
80) Benzo(a)anthracene	18.46	228	736911	39.45	ng		99
81) 3,3'-Dichlorobenzidine	18.45	252	121348	11.76	ng		97
82) Chrysene	18.50	228	739057	39.87	ng		99
83) Bis(2-ethylhexyl)phthalate	18.53	149	509088	33.28	ng		96
84) Di-n-octyl phthalate	19.29	149	799291	34.27	ng	#	87
85) Indeno(1,2,3-cd)pyrene	21.36	276	560945	37.75	ng		94
87) Benzo(b)fluoranthene	19.73	252	663664	41.69	ng		97
88) Benzo(k)fluoranthene	19.76	252	523683m	38.22	ng		
89) Benzo(a)pyrene	20.08	252	549711	39.93	ng		99
90) Dibenzo(a,h)anthracene	21.36	278	474619	40.42	ng		97
91) Benzo(g,h,i)perylene	21.71	276	472780	40.80	ng	#	92

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

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