Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084589.D
Acq On : 22 Jan 2016 15:09
Operator : SJ/IZ
Sample : PB87925BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87925BS

Manual Integrations APPROVED
mohammad
1/25/2016 2:58:48 PM

Quant Time: Jan 22 23:18:13 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	192595	20.00	ng		-0.08
21) Naphthalene-d8	8.03	136	774023	20.00	ng		-0.09
38) Acenaphthene-d10	9.79	164	391470	20.00	ng		-0.08
63) Phenanthrene-d10	11.27	188	711975	20.00	ng		-0.09
75) Chrysene-d12	13.91	240	558185	20.00	ng		-0.09
86) Perylene-d12	15.30	264	432365	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1347094	113.13	ng		-0.08
7) Phenol-d6	6.40	99	1532601	102.48	ng		-0.08
23) Nitrobenzene-d5	7.31	82	977255	70.27	ng		-0.09
41) 2,4,6-Tribromophenol	10.58	330	430038	108.81	ng		-0.09
44) 2-Fluorobiphenyl	9.12	172	1811556	81.12	ng		-0.08
78) Terphenyl-d14	12.85	244	1652045	66.07	ng		-0.09
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	167513	29.70	ng	#	76
3) Pyridine	3.04	79	343113	21.82	ng	#	74
4) n-Nitrosodimethylamine	2.99	42	217049	26.89	ng		78
6) Aniline	6.41	93	290652	13.29	ng	#	1
8) 2-Chlorophenol	6.53	128	498061	36.87	ng		97
9) Benzaldehyde	6.29	77	33820	3.47	ng		86
10) Phenol	6.41	94	648681	38.15	ng		97
11) bis(2-Chloroethyl)ether	6.49	93	478205m	36.31	ng		
12) 1,3-Dichlorobenzene	6.68	146	462153m	33.16	ng		
13) 1,4-Dichlorobenzene	6.76	146	486678	34.83	ng		96
14) 1,2-Dichlorobenzene	6.92	146	432076	32.28	ng		94
15) Benzyl Alcohol	6.90	79	420714	33.44	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.04	45	748556	31.21	ng		86
17) 2-Methylphenol	7.01	107	364210	32.17	ng		92
18) Hexachloroethane	7.25	117	187059	33.47	ng	#	90
19) n-Nitroso-di-n-propylamine	7.16	70	328729	32.47	ng	#	68
20) 3+4-Methylphenols	7.17	107	492386	37.00	ng	#	88
22) Acetophenone	7.16	105	662579	35.60	ng	#	97
24) Nitrobenzene	7.33	77	522272	37.03	ng		99
25) Isophorone	7.57	82	887465	33.37	ng		99
26) 2-Nitrophenol	7.65	139	267076	41.60	ng		93
27) 2,4-Dimethylphenol	7.70	122	474480	36.51	ng		94
28) bis(2-Chloroethoxy)methane	7.79	93	561376	34.55	ng		99
29) 2,4-Dichlorophenol	7.89	162	376229	34.76	ng		96
30) 1,2,4-Trichlorobenzene	7.97	180	401214	35.90	ng		97
31) Naphthalene	8.05	128	1292421	36.80	ng		99
32) Benzoic acid	7.82	122	269927	34.34	ng		93
33) 4-Chloroaniline	8.11	127	147640	9.17	ng	#	92
34) Hexachlorobutadiene	8.18	225	244014	37.99	ng		99
35) Caprolactam	8.48	113	130075m	35.65	ng		
36) 4-Chloro-3-methylphenol	8.60	107	436206	35.98	ng		93
37) 2-Methylnaphthalene	8.75	142	946773	37.56	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	370271	32.90	ng		97
40) Hexachlorocyclopentadiene	8.90	237	386777	56.93	ng		97

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Quant Time: Jan 22 23:18:13 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	263873	31.34	ng		98
43) 2,4,5-Trichlorophenol	9.07	196	280758	34.78	ng	#	83
45) 1,1'-Biphenyl	9.21	154	1054180	33.88	ng		98
46) 2-Chloronaphthalene	9.23	162	804243	32.91	ng		97
47) 2-Nitroaniline	9.33	65	267857	33.21	ng		97
48) Acenaphthylene	9.65	152	1340364	37.12	ng		99
49) Dimethylphthalate	9.52	163	988041	35.30	ng	#	89
50) 2,6-Dinitrotoluene	9.58	165	227037	36.99	ng		92
51) Acenaphthene	9.82	154	907358	37.46	ng		98
52) 3-Nitroaniline	9.74	138	104283	13.71	ng		93
53) 2,4-Dinitrophenol	9.86	184	257233	97.56	ng		93
54) Dibenzofuran	10.00	168	1219914	38.46	ng		96
55) 4-Nitrophenol	9.93	139	377602	68.39	ng	#	82
56) 2,4-Dinitrotoluene	9.98	165	314254	40.45	ng		92
57) Fluorene	10.34	166	970008	39.71	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	225501	32.72	ng		91
59) Diethylphthalate	10.22	149	1049321	38.03	ng		98
60) 4-Chlorophenyl-phenylether	10.33	204	401272	37.97	ng		92
61) 4-Nitroaniline	10.36	138	229374	33.83	ng		95
62) Azobenzene	10.49	77	1040032	34.36	ng		88
64) 4,6-Dinitro-2-methylphenol	10.38	198	153026	35.29	ng	#	44
65) n-Nitrosodiphenylamine	10.45	169	845449	37.14	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	276121	36.03	ng	#	85
67) Hexachlorobenzene	10.88	284	298834	34.65	ng	#	73
68) Atrazine	10.98	200	232575	31.22	ng		98
69) Pentachlorophenol	11.08	266	313243	70.04	ng		98
70) Phenanthrene	11.30	178	1437624	38.60	ng		98
71) Anthracene	11.35	178	1393923	38.18	ng		99
72) Carbazole	11.51	167	1284085	35.98	ng		99
73) Di-n-butylphthalate	11.85	149	1509347	38.23	ng		99
74) Fluoranthene	12.48	202	1313097	33.75	ng		99
76) Benzidine	12.60	184	287462	14.36	ng		98
77) Pyrene	12.71	202	1431339	32.68	ng		98
79) Butylbenzylphthalate	13.33	149	621951	32.81	ng		91
80) Benzo(a)anthracene	13.89	228	1204235	36.74	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	245712	21.48	ng	#	96
82) Chrysene	13.93	228	954373	30.30	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	825618	34.48	ng		99
84) Di-n-octyl phthalate	14.51	149	1403306	34.71	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.63	276	904315	36.22	ng		98
87) Benzo(b)fluoranthene	14.91	252	1111924m	39.31	ng		
88) Benzo(k)fluoranthene	14.93	252	739235m	31.96	ng		
89) Benzo(a)pyrene	15.24	252	873078	36.39	ng		99
90) Dibenzo(a,h)anthracene	16.64	278	746965	36.19	ng		97
91) Benzo(g,h,i)perylene	17.03	276	762053	35.65	ng		98

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

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