Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085306.D
Acq On : 9 Mar 2016 18:41
Operator : UM/SJ
Sample : PB88789BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88789BS

Manual Integrations APPROVED
UMANGI
3/10/2016 3:03:32 PM

Quant Time: Mar 10 09:55:08 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	188677	20.00	ng		-0.03
21) Naphthalene-d8	8.23	136	751692	20.00	ng		-0.03
38) Acenaphthene-d10	9.99	164	347777	20.00	ng		-0.03
63) Phenanthrene-d10	11.48	188	698129	20.00	ng		-0.03
75) Chrysene-d12	14.12	240	477579	20.00	ng		-0.03
86) Perylene-d12	15.58	264	318633	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	1259596	111.98	ng		-0.01
7) Phenol-d6	6.58	99	1605134	108.92	ng		-0.02
23) Nitrobenzene-d5	7.51	82	957391	68.16	ng		-0.03
41) 2,4,6-Tribromophenol	10.79	330	375358	126.14	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	1709519	74.76	ng		-0.03
78) Terphenyl-d14	13.07	244	1641953	79.81	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	169972	29.55	ng		97
3) Pyridine	3.48	79	430788	29.92	ng		95
4) n-Nitrosodimethylamine	3.42	42	201875	32.76	ng		89
6) Aniline	6.61	93	432545	20.94	ng		97
8) 2-Chlorophenol	6.73	128	486955	35.96	ng		99
9) Benzaldehyde	6.49	77	124365	14.52	ng		93
10) Phenol	6.60	94	580305m	36.77	ng		
11) bis(2-Chloroethyl)ether	6.69	93	464101	35.40	ng		93
12) 1,3-Dichlorobenzene	6.89	146	490736	33.75	ng		97
13) 1,4-Dichlorobenzene	6.96	146	475239	32.62	ng		97
14) 1,2-Dichlorobenzene	7.12	146	491767	37.20	ng		97
15) Benzyl Alcohol	7.09	79	410708	37.97	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.22	45	564135	29.85	ng		98
17) 2-Methylphenol	7.20	107	421556	38.15	ng		99
18) Hexachloroethane	7.46	117	186913	34.77	ng		93
19) n-Nitroso-di-n-propylamine	7.36	70	315107	32.81	ng	#	92
20) 3+4-Methylphenols	7.35	107	457463	34.95	ng		92
22) Acetophenone	7.36	105	628258	34.24	ng	#	94
24) Nitrobenzene	7.53	77	549569	38.51	ng	#	89
25) Isophorone	7.77	82	948566	36.44	ng		96
26) 2-Nitrophenol	7.84	139	251854	36.27	ng	#	67
27) 2,4-Dimethylphenol	7.89	122	497002	39.16	ng		100
28) bis(2-Chloroethoxy)methane	7.98	93	573530	39.56	ng		99
29) 2,4-Dichlorophenol	8.09	162	401204	39.20	ng		100
30) 1,2,4-Trichlorobenzene	8.17	180	404672	36.57	ng		99
31) Naphthalene	8.25	128	1274707	34.49	ng		99
32) Benzoic acid	7.96	122	69425	8.24	ng		99
33) 4-Chloroaniline	8.30	127	235534	15.75	ng		95
34) Hexachlorobutadiene	8.37	225	202363	35.15	ng		96
35) Caprolactam	8.68	113	133394m	39.91	ng		
36) 4-Chloro-3-methylphenol	8.78	107	440687	37.95	ng		97
37) 2-Methylnaphthalene	8.95	142	919982	38.79	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	334495	33.63	ng		99
40) Hexachlorocyclopentadiene	9.10	237	377685	70.41	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	285731	38.59	ng		96
43) 2,4,5-Trichlorophenol	9.27	196	278771	39.71	ng	#	92
45) 1,1'-Biphenyl	9.41	154	960798	32.34	ng		99
46) 2-Chloronaphthalene	9.44	162	808941	35.72	ng		99
47) 2-Nitroaniline	9.53	65	279724	39.86	ng	#	77
48) Acenaphthylene	9.85	152	1266933	35.94	ng		98
49) Dimethylphthalate	9.72	163	985367	36.91	ng		100
50) 2,6-Dinitrotoluene	9.77	165	205624	36.01	ng		93
51) Acenaphthene	10.02	154	725656	33.90	ng		98
52) 3-Nitroaniline	9.94	138	184535	27.01	ng		99
53) 2,4-Dinitrophenol	10.05	184	48780	23.17	ng	#	38
54) Dibenzofuran	10.20	168	1047407	37.35	ng		100
55) 4-Nitrophenol	10.10	139	326665	60.84	ng	#	82
56) 2,4-Dinitrotoluene	10.17	165	286407	39.19	ng		90
57) Fluorene	10.54	166	785517	35.66	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.31	232	185968	37.71	ng		97
59) Diethylphthalate	10.41	149	907118	35.02	ng		96
60) 4-Chlorophenyl-phenylether	10.53	204	381540	35.60	ng		93
61) 4-Nitroaniline	10.56	138	264727	41.43	ng		92
62) Azobenzene	10.69	77	971319	38.06	ng		97
64) 4,6-Dinitro-2-methylphenol	10.58	198	65285	15.62	ng		78
65) n-Nitrosodiphenylamine	10.65	169	792413	36.49	ng		100
66) 4-Bromophenyl-phenylether	11.02	248	244613	36.08	ng	#	84
67) Hexachlorobenzene	11.09	284	260425	36.01	ng	#	81
68) Atrazine	11.18	200	269726	44.67	ng		98
69) Pentachlorophenol	11.28	266	212568	52.95	ng		98
70) Phenanthrene	11.50	178	1331943	36.41	ng		99
71) Anthracene	11.56	178	1399482	36.03	ng		99
72) Carbazole	11.70	167	1189306	34.92	ng		99
73) Di-n-butylphthalate	12.04	149	1434236	33.32	ng		99
74) Fluoranthene	12.69	202	1295571	35.29	ng		96
76) Benzidine	12.81	184	490998	34.54	ng		97
77) Pyrene	12.92	202	1356113	37.73	ng		100
79) Butylbenzylphthalate	13.53	149	596891	36.60	ng		92
80) Benzo(a)anthracene	14.11	228	1009421	35.31	ng		98
81) 3,3'-Dichlorobenzidine	14.07	252	154599	17.14	ng	#	96
82) Chrysene	14.15	228	920241	34.84	ng		98
83) Bis(2-ethylhexyl)phthalate	14.09	149	703215	32.76	ng	#	98
84) Di-n-octyl phthalate	14.70	149	1087690	33.27	ng		96
85) Indeno(1,2,3-cd)pyrene	17.04	276	649111	31.49	ng		97
87) Benzo(b)fluoranthene	15.16	252	840343	39.57	ng	#	94
88) Benzo(k)fluoranthene	15.18	252	659504m	38.50	ng		
89) Benzo(a)pyrene	15.52	252	680108	38.64	ng		99
90) Dibenzo(a,h)anthracene	17.07	278	544623	36.25	ng		96
91) Benzo(g,h,i)perylene	17.49	276	548955	36.34	ng		98

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

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