Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070816\
Data File : BF088824.D
Acq On : 8 Jul 2016 14:31
Operator : UM/SJ
Sample : PB91874BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91874BS

Manual Integrations APPROVED
UMANGI
7/10/2016 12:33:46 AM

Quant Time: Jul 08 19:27:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 18:51:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	84831	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	350137	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	170123	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	327447	20.00	ng		0.00
75) Chrysene-d12	13.87	240	217422	20.00	ng		0.00
86) Perylene-d12	15.25	264	171252	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	603817	106.68	ng		0.01
7) Phenol-d6	6.38	99	797550	109.05	ng		0.00
23) Nitrobenzene-d5	7.30	82	547261	81.91	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	232042	146.88	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	885909	82.26	ng		0.00
78) Terphenyl-d14	12.82	244	846118	86.68	ng		0.00
Target Compounds							Qvalue
3) Pyridine	2.99	79	212041	26.04	ng		92
4) n-Nitrosodimethylamine	2.96	42	100821	32.41	ng		88
6) Aniline	6.40	93	267815	25.13	ng	#	85
8) 2-Chlorophenol	6.52	128	235151	38.65	ng		81
9) Benzaldehyde	6.27	77	149306	30.14	ng		89
10) Phenol	6.39	94	233461	27.97	ng	#	43
11) bis(2-Chloroethyl)ether	6.48	93	249743	40.12	ng	#	82
12) 1,3-Dichlorobenzene	6.67	146	257502	38.47	ng		97
13) 1,4-Dichlorobenzene	6.75	146	258610	38.92	ng		98
14) 1,2-Dichlorobenzene	6.90	146	238032m	38.27	ng		
15) Benzyl Alcohol	6.88	79	207273	38.51	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.02	45	277368	30.77	ng		89
17) 2-Methylphenol	7.00	107	213451	43.01	ng		98
18) Hexachloroethane	7.24	117	98394	38.28	ng	#	88
19) n-Nitroso-di-n-propylamine	7.15	70	173926	35.40	ng		92
20) 3+4-Methylphenols	7.15	107	236492	39.70	ng		92
22) Acetophenone	7.14	105	348868	41.05	ng	#	91
24) Nitrobenzene	7.31	77	248795	36.93	ng	#	81
25) Isophorone	7.56	82	492639	39.80	ng		98
26) 2-Nitrophenol	7.63	139	118095	42.75	ng		97
27) 2,4-Dimethylphenol	7.68	122	214549	37.29	ng		86
28) bis(2-Chloroethoxy)methane	7.78	93	315582	39.18	ng		98
29) 2,4-Dichlorophenol	7.88	162	198020	42.58	ng		91
30) 1,2,4-Trichlorobenzene	7.96	180	218104	42.74	ng		98
31) Naphthalene	8.04	128	721688	41.81	ng		98
32) Benzoic acid	7.82	122	139395	33.37	ng		92
33) 4-Chloroaniline	8.09	127	178027	23.18	ng		98
34) Hexachlorobutadiene	8.16	225	111807	40.92	ng		99
35) Caprolactam	8.47	113	77850m	49.30	ng		
36) 4-Chloro-3-methylphenol	8.58	107	241710	43.96	ng		94
37) 2-Methylnaphthalene	8.73	142	468929	42.19	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	204670	36.17	ng	#	1
40) Hexachlorocyclopentadiene	8.89	237	203406	73.24	ng		99
42) 2,4,6-Trichlorophenol	9.02	196	143744	38.53	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	143890	44.83	ng	#	90
45) 1,1'-Biphenyl	9.20	154	589649	41.86	ng		96
46) 2-Chloronaphthalene	9.22	162	447256	40.44	ng		94
47) 2-Nitroaniline	9.31	65	150794	38.42	ng		98
48) Acenaphthylene	9.63	152	753401	42.81	ng		99
49) Dimethylphthalate	9.51	163	561445	46.32	ng		99
50) 2,6-Dinitrotoluene	9.56	165	120489	44.85	ng	#	87
51) Acenaphthene	9.80	154	522801m	48.47	ng		
52) 3-Nitroaniline	9.72	138	91950	26.93	ng		96
53) 2,4-Dinitrophenol	9.84	184	128032	107.95	ng	#	74
54) Dibenzofuran	9.98	168	650526	46.08	ng	#	91
55) 4-Nitrophenol	9.90	139	166906	64.32	ng		92
56) 2,4-Dinitrotoluene	9.96	165	174057	49.56	ng	#	71
57) Fluorene	10.32	166	504902	46.41	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	113812	45.83	ng	#	49
59) Diethylphthalate	10.20	149	563506	46.33	ng		98
60) 4-Chlorophenyl-phenylether	10.31	204	200062	39.58	ng		90
61) 4-Nitroaniline	10.34	138	136943	41.67	ng		91
62) Azobenzene	10.47	77	592362	42.69	ng		95
64) 4,6-Dinitro-2-methylphenol	10.36	198	73683	42.07	ng		86
65) n-Nitrosodiphenylamine	10.43	169	471877	42.58	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	147355	44.66	ng		97
67) Hexachlorobenzene	10.86	284	138171	37.83	ng		91
68) Atrazine	10.96	200	125455	36.33	ng		91
69) Pentachlorophenol	11.05	266	153698	71.10	ng		97
70) Phenanthrene	11.27	178	682185	38.11	ng		99
71) Anthracene	11.33	178	778906	43.76	ng		99
72) Carbazole	11.47	167	612215	36.55	ng		99
73) Di-n-butylphthalate	11.82	149	862984	44.29	ng		99
74) Fluoranthene	12.45	202	681638	37.56	ng		97
76) Benzidine	12.57	184	328432	29.89	ng		98
77) Pyrene	12.67	202	689350	37.39	ng		100
79) Butylbenzylphthalate	13.30	149	327159	39.79	ng	#	78
80) Benzo(a)anthracene	13.86	228	581544	41.54	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	132855	25.24	ng		98
82) Chrysene	13.90	228	577103	41.66	ng		98
83) Bis(2-ethylhexyl)phthalate	13.86	149	404163	43.05	ng		97
84) Di-n-octyl phthalate	14.47	149	689769	43.25	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.55	276	448353	42.07	ng	#	100
87) Benzo(b)fluoranthene	14.87	252	557487m	51.89	ng		
88) Benzo(k)fluoranthene	14.89	252	372611m	39.84	ng		
89) Benzo(a)pyrene	15.19	252	424447	46.67	ng		98
90) Dibenzo(a,h)anthracene	16.57	278	370341	48.76	ng	#	93
91) Benzo(g,h,i)perylene	16.94	276	376698	47.93	ng		98

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

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