Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
Data File : BF086525.D
Acq On : 30 Apr 2016 15:56
Operator : UM/SJ
Sample : PB90140BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB90140BS

Manual Integrations APPROVED
sohil
5/2/2016 7:52:57 PM

Quant Time: May 01 04:08:22 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun May 01 01:17:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	148374	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	631906	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	305154	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	585026	20.00	ng		0.00
75) Chrysene-d12	13.92	240	436440	20.00	ng		0.00
86) Perylene-d12	15.31	264	355932	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1045626	121.56	ng		0.01
7) Phenol-d6	6.41	99	1519260	126.55	ng		0.00
23) Nitrobenzene-d5	7.33	82	926775	79.05	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	419744	130.43	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1607558	94.36	ng		0.00
78) Terphenyl-d14	12.88	244	1592417	80.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	147863	32.72	ng	#	76
3) Pyridine	3.07	79	367281	34.34	ng	#	78
4) n-Nitrosodimethylamine	3.01	42	259338	42.55	ng	#	58
6) Aniline	6.43	93	344668	23.72	ng	#	43
8) 2-Chlorophenol	6.56	128	425195	39.69	ng		98
9) Benzaldehyde	6.30	77	62903	9.01	ng		97
10) Phenol	6.43	94	490739	36.64	ng	#	70
11) bis(2-Chloroethyl)ether	6.51	93	470368	40.62	ng		92
12) 1,3-Dichlorobenzene	6.70	146	419704	36.42	ng	#	93
13) 1,4-Dichlorobenzene	6.78	146	447231	37.61	ng		95
14) 1,2-Dichlorobenzene	6.93	146	396340	36.35	ng		95
15) Benzyl Alcohol	6.92	79	352032	46.35	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.06	45	882571	38.08	ng		90
17) 2-Methylphenol	7.04	107	370853	42.82	ng		94
18) Hexachloroethane	7.28	117	159034	35.79	ng		96
19) n-Nitroso-di-n-propylamine	7.20	70	327550	41.28	ng	#	82
20) 3+4-Methylphenols	7.18	107	421934	42.67	ng	#	86
22) Acetophenone	7.18	105	576132	41.58	ng	#	90
24) Nitrobenzene	7.36	77	497650	41.27	ng		97
25) Isophorone	7.60	82	877067	38.87	ng		99
26) 2-Nitrophenol	7.68	139	232833	41.93	ng		96
27) 2,4-Dimethylphenol	7.72	122	419654	43.07	ng		94
28) bis(2-Chloroethoxy)methane	7.81	93	548010	44.58	ng		99
29) 2,4-Dichlorophenol	7.92	162	359848	43.78	ng		98
30) 1,2,4-Trichlorobenzene	8.00	180	357245	37.46	ng		96
31) Naphthalene	8.08	128	1236197	38.45	ng		99
32) Benzoic acid	7.85	122	185414	34.46	ng		86
33) 4-Chloroaniline	8.13	127	159584	13.25	ng		99
34) Hexachlorobutadiene	8.20	225	194406	36.37	ng		99
35) Caprolactam	8.50	113	120969m	44.11	ng		
36) 4-Chloro-3-methylphenol	8.62	107	417452	44.36	ng		98
37) 2-Methylnaphthalene	8.77	142	819138	43.17	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	307806	35.24	ng	#	97
40) Hexachlorocyclopentadiene	8.92	237	316431	72.90	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	228885	41.45	ng		96
43) 2,4,5-Trichlorophenol	9.09	196	244189	40.58	ng	#	90
45) 1,1'-Biphenyl	9.23	154	957080	37.52	ng		96
46) 2-Chloronaphthalene	9.25	162	717820	37.01	ng		93
47) 2-Nitroaniline	9.36	65	304792	49.01	ng		87
48) Acenaphthylene	9.66	152	1162672	38.35	ng		99
49) Dimethylphthalate	9.54	163	896080	39.01	ng		99
50) 2,6-Dinitrotoluene	9.60	165	192993	40.66	ng	#	85
51) Acenaphthene	9.84	154	831659	42.71	ng		99
52) 3-Nitroaniline	9.77	138	111067	20.58	ng		100
53) 2,4-Dinitrophenol	9.87	184	182508	71.28	ng	#	73
54) Dibenzofuran	10.02	168	1063436	43.70	ng		96
55) 4-Nitrophenol	9.94	139	311146	88.04	ng	#	69
56) 2,4-Dinitrotoluene	10.01	165	265587	43.90	ng	#	83
57) Fluorene	10.35	166	760545	35.99	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	215933	45.89	ng		99
59) Diethylphthalate	10.24	149	862168	39.65	ng		99
60) 4-Chlorophenyl-phenylether	10.35	204	377684	39.37	ng		88
61) 4-Nitroaniline	10.38	138	229683	43.53	ng		86
62) Azobenzene	10.51	77	1080437	45.36	ng		90
64) 4,6-Dinitro-2-methylphenol	10.41	198	134188	39.07	ng	#	60
65) n-Nitrosodiphenylamine	10.48	169	729615	39.90	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	237781	39.44	ng	#	78
67) Hexachlorobenzene	10.90	284	260510	37.33	ng	#	76
68) Atrazine	11.00	200	259624	47.29	ng		96
69) Pentachlorophenol	11.09	266	270535	73.54	ng		97
70) Phenanthrene	11.31	178	1178427	38.38	ng		99
71) Anthracene	11.37	178	1381922	42.18	ng		100
72) Carbazole	11.52	167	1187058	40.88	ng		99
73) Di-n-butylphthalate	11.86	149	1419410	43.15	ng		99
74) Fluoranthene	12.50	202	1330095	42.92	ng		92
76) Benzidine	12.63	184	358735	23.92	ng		95
77) Pyrene	12.73	202	1304648	41.49	ng		99
79) Butylbenzylphthalate	13.35	149	526666	38.67	ng	#	71
80) Benzo(a)anthracene	13.91	228	962931	41.38	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	170566	10.97	ng		99
82) Chrysene	13.94	228	1034031	40.88	ng		98
83) Bis(2-ethylhexyl)phthalate	13.91	149	602293	35.62	ng	#	96
84) Di-n-octyl phthalate	14.52	149	1027072	38.79	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.65	276	844952	45.09	ng		98
87) Benzo(b)fluoranthene	14.92	252	923057m	44.08	ng		
88) Benzo(k)fluoranthene	14.95	252	793046m	36.31	ng		
89) Benzo(a)pyrene	15.25	252	805826	40.76	ng		98
90) Dibenzo(a,h)anthracene	16.66	278	706067	43.64	ng		99
91) Benzo(g,h,i)perylene	17.05	276	716093	44.17	ng		97

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

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