Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
Data File : BF086456.D
Acq On : 28 Apr 2016 6:40
Operator : UM/SJ
Sample : H2707-08MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

Manual Integrations APPROVED
sohil
4/28/2016 1:40:18 PM

Quant Time: Apr 28 08:15:34 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	128930	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	470521	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	172699	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	265655	20.00	ng		0.00
75) Chrysene-d12	13.96	240	280179	20.00	ng		0.00
86) Perylene-d12	15.37	264	210356	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1179939	157.86	ng		0.02
7) Phenol-d6	6.45	99	1431987	137.26	ng		0.01
23) Nitrobenzene-d5	7.38	82	921912	105.61	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	227398	124.86	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1232014	142.36	ng		0.00
78) Terphenyl-d14	12.91	244	935715	73.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	166594	42.43	ng	#	74
3) Pyridine	3.13	79	424192	45.65	ng	#	73
4) n-Nitrosodimethylamine	3.08	42	296540	55.99	ng	#	59
6) Aniline	6.48	93	172843	13.69	ng		93
8) 2-Chlorophenol	6.59	128	402198	43.20	ng	#	82
9) Benzaldehyde	6.35	77	74918	12.34	ng		95
10) Phenol	6.46	94	574606	49.37	ng		84
11) bis(2-Chloroethyl)ether	6.54	93	456044	45.32	ng		86
12) 1,3-Dichlorobenzene	6.75	146	468473	46.78	ng		99
13) 1,4-Dichlorobenzene	6.83	146	455522	44.09	ng		99
14) 1,2-Dichlorobenzene	6.98	146	447485	47.23	ng		99
15) Benzyl Alcohol	6.96	79	371428	56.28	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.09	45	947858	47.06	ng		88
17) 2-Methylphenol	7.07	107	345160	45.87	ng		93
18) Hexachloroethane	7.32	117	142756	36.97	ng	#	91
19) n-Nitroso-di-n-propylamine	7.23	70	341025	49.45	ng	#	75
20) 3+4-Methylphenols	7.23	107	412414	48.00	ng	#	80
22) Acetophenone	7.22	105	583882	56.59	ng	#	91
24) Nitrobenzene	7.39	77	419029	46.66	ng		95
25) Isophorone	7.63	82	826287	49.18	ng		98
26) 2-Nitrophenol	7.71	139	128549	31.09	ng		89
27) 2,4-Dimethylphenol	7.76	122	363718	50.14	ng		92
28) bis(2-Chloroethoxy)methane	7.85	93	522144	57.05	ng		99
29) 2,4-Dichlorophenol	7.95	162	285118	46.58	ng		93
30) 1,2,4-Trichlorobenzene	8.04	180	352884	49.70	ng		98
31) Naphthalene	8.12	128	1147282	47.92	ng		99
32) Benzoic acid	7.84	122	59491	19.85	ng		91
33) 4-Chloroaniline	8.17	127	83059	9.26	ng		97
34) Hexachlorobutadiene	8.24	225	199089	50.02	ng		98
35) Caprolactam	8.53	113	85418	41.83	ng	#	87
36) 4-Chloro-3-methylphenol	8.66	107	295236m	42.13	ng		
37) 2-Methylnaphthalene	8.81	142	685863	48.55	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	258548	52.30	ng		98
40) Hexachlorocyclopentadiene	8.96	237	25343	10.32	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	152235	48.72	ng		97
43) 2,4,5-Trichlorophenol	9.13	196	157767	46.32	ng	#	88
45) 1,1'-Biphenyl	9.28	154	790632	54.77	ng		99
46) 2-Chloronaphthalene	9.30	162	584270	53.23	ng		99
47) 2-Nitroaniline	9.39	65	208425	59.22	ng	#	80
48) Acenaphthylene	9.71	152	854628	49.82	ng		99
49) Dimethylphthalate	9.57	163	785764	60.44	ng		100
50) 2,6-Dinitrotoluene	9.63	165	115004	42.82	ng	#	81
51) Acenaphthene	9.88	154	522645	47.43	ng		99
52) 3-Nitroaniline	9.80	138	126781	41.50	ng		98
53) 2,4-Dinitrophenol	9.95	184	699	8.26	ng	#	1
54) Dibenzofuran	10.05	168	721015	52.35	ng		98
55) 4-Nitrophenol	9.96	139	158705	79.35	ng	#	57
56) 2,4-Dinitrotoluene	10.03	165	131169	38.31	ng	#	85
57) Fluorene	10.40	166	515852	43.14	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	125003	46.95	ng	#	94
59) Diethylphthalate	10.27	149	614478	49.93	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	241202	44.43	ng		95
61) 4-Nitroaniline	10.41	138	139828	46.83	ng	#	74
62) Azobenzene	10.54	77	654251	48.53	ng		91
65) n-Nitrosodiphenylamine	10.51	169	439778	52.97	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	144266	52.70	ng	#	88
67) Hexachlorobenzene	10.94	284	147349	46.50	ng	#	94
68) Atrazine	11.04	200	127583	51.17	ng		96
69) Pentachlorophenol	11.14	266	160929	96.33	ng		97
70) Phenanthrene	11.36	178	688237	49.37	ng		99
71) Anthracene	11.40	178	759482	51.05	ng		100
72) Carbazole	11.56	167	730669	55.41	ng		99
73) Di-n-butylphthalate	11.89	149	794721	53.20	ng		99
74) Fluoranthene	12.53	202	789277	56.09	ng		99
76) Benzidine	12.66	184	148548	15.43	ng		96
77) Pyrene	12.76	202	819277	40.58	ng		100
79) Butylbenzylphthalate	13.39	149	399704	45.72	ng		94
80) Benzo(a)anthracene	13.95	228	730275	48.89	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	203905	20.42	ng	#	96
82) Chrysene	13.99	228	695286	42.82	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	539279	49.69	ng		99
84) Di-n-octyl phthalate	14.56	149	976376	57.45	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.73	276	510139	42.40	ng		97
87) Benzo(b)fluoranthene	14.97	252	605669m	48.94	ng		
88) Benzo(k)fluoranthene	15.00	252	699341m	54.18	ng		
89) Benzo(a)pyrene	15.31	252	571380	48.90	ng		98
90) Dibenzo(a,h)anthracene	16.75	278	442428	46.27	ng	#	94
91) Benzo(g,h,i)perylene	17.14	276	406382	42.41	ng		94

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

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