Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
Data File : BF086198.D
Acq On : 9 Apr 2016 5:18
Operator : UM/SJ
Sample : H2346-06MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB-36(0.5-20.0)MSD

Manual Integrations APPROVED
Sohil
4/11/2016 5:45:30 PM

Quant Time: Apr 09 06:53:04 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	111768	20.00	ng		-0.05
21) Naphthalene-d8	8.02	136	441150	20.00	ng		-0.05
38) Acenaphthene-d10	9.77	164	181491	20.00	ng		-0.05
63) Phenanthrene-d10	11.25	188	277294	20.00	ng		-0.05
75) Chrysene-d12	13.88	240	212911	20.00	ng		-0.05
86) Perylene-d12	15.28	264	178881	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	817134	124.97	ng		-0.03
7) Phenol-d6	6.38	99	1048516	126.24	ng		-0.03
23) Nitrobenzene-d5	7.30	82	680697	90.99	ng		-0.05
41) 2,4,6-Tribromophenol	10.56	330	178606	104.85	ng		-0.05
44) 2-Fluorobiphenyl	9.09	172	946661	86.73	ng		-0.05
78) Terphenyl-d14	12.83	244	683082	75.42	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	121154	39.08	ng		98
3) Pyridine	2.99	79	314869	45.37	ng		99
4) n-Nitrosodimethylamine	2.94	42	141734	46.44	ng		97
6) Aniline	6.40	93	230404	21.14	ng	#	1
8) 2-Chlorophenol	6.52	128	333588	42.78	ng		96
9) Benzaldehyde	6.28	77	117841	26.37	ng		91
10) Phenol	6.40	94	349773	36.92	ng	#	70
11) bis(2-Chloroethyl)ether	6.48	93	353925	47.18	ng		96
12) 1,3-Dichlorobenzene	6.67	146	359934m	43.55	ng		
13) 1,4-Dichlorobenzene	6.75	146	361095	42.41	ng		93
14) 1,2-Dichlorobenzene	6.90	146	330517	42.17	ng		98
15) Benzyl Alcohol	6.89	79	254088	47.29	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	364652	39.79	ng		54
17) 2-Methylphenol	7.00	107	265223	43.14	ng	#	93
18) Hexachloroethane	7.23	117	110667	35.34	ng	#	77
19) n-Nitroso-di-n-propylamine	7.15	70	228590	44.40	ng	#	92
20) 3+4-Methylphenols	7.16	107	351224	46.97	ng	#	64
22) Acetophenone	7.15	105	473893	45.70	ng	#	89
24) Nitrobenzene	7.32	77	362846	44.34	ng		97
25) Isophorone	7.56	82	657931	44.56	ng		98
26) 2-Nitrophenol	7.64	139	155801	39.79	ng		95
27) 2,4-Dimethylphenol	7.69	122	321511	45.72	ng		97
28) bis(2-Chloroethoxy)methane	7.78	93	408158	47.11	ng		100
29) 2,4-Dichlorophenol	7.89	162	260515	43.82	ng		94
30) 1,2,4-Trichlorobenzene	7.96	180	288169	43.18	ng		97
31) Naphthalene	8.04	128	938639	42.30	ng		99
32) Benzoic acid	7.81	122	73840	14.31	ng		98
33) 4-Chloroaniline	8.10	127	116042	12.95	ng		99
34) Hexachlorobutadiene	8.16	225	152037	42.37	ng		99
35) Caprolactam	8.48	113	84042	44.56	ng	#	79
36) 4-Chloro-3-methylphenol	8.59	107	275441	41.21	ng		92
37) 2-Methylnaphthalene	8.73	142	559914	38.63	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	251128	46.04	ng		99
40) Hexachlorocyclopentadiene	8.88	237	20989	18.79	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	158274	45.18	ng		98
43) 2,4,5-Trichlorophenol	9.06	196	158928	44.69	ng	#	76
45) 1,1'-Biphenyl	9.20	154	697988	44.60	ng		96
46) 2-Chloronaphthalene	9.22	162	522839	46.09	ng		95
47) 2-Nitroaniline	9.32	65	161776	48.74	ng		93
48) Acenaphthylene	9.63	152	766224	42.17	ng		99
49) Dimethylphthalate	9.49	163	737974	54.86	ng		99
50) 2,6-Dinitrotoluene	9.56	165	108616	38.16	ng	#	85
51) Acenaphthene	9.80	154	465042	43.03	ng		99
52) 3-Nitroaniline	9.73	138	108971	31.77	ng		93
53) 2,4-Dinitrophenol	9.87	184	10509	11.48	ng	#	76
54) Dibenzofuran	9.97	168	639984	44.84	ng		100
55) 4-Nitrophenol	9.92	139	147824	73.10	ng		86
56) 2,4-Dinitrotoluene	9.97	165	130950	36.41	ng	#	49
57) Fluorene	10.32	166	506835	41.57	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	118312	44.68	ng	#	97
59) Diethylphthalate	10.19	149	571288	42.08	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	225118	39.64	ng		98
61) 4-Nitroaniline	10.35	138	132413	39.20	ng		93
62) Azobenzene	10.46	77	583250	44.85	ng		98
64) 4,6-Dinitro-2-methylphenol	10.38	198	11737	6.98	ng		89
65) n-Nitrosodiphenylamine	10.43	169	456106	52.60	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	146152	51.63	ng		96
67) Hexachlorobenzene	10.86	284	139550	47.67	ng	#	91
68) Atrazine	10.96	200	117246	41.84	ng		95
69) Pentachlorophenol	11.07	266	110098	80.24	ng		99
70) Phenanthrene	11.28	178	685208	45.30	ng		99
71) Anthracene	11.32	178	635031	40.07	ng		99
72) Carbazole	11.48	167	571059	41.92	ng		99
73) Di-n-butylphthalate	11.81	149	834606	49.45	ng		100
74) Fluoranthene	12.45	202	581385	36.95	ng		99
76) Benzidine	12.59	184	432442	57.57	ng		98
77) Pyrene	12.68	202	573934	38.25	ng		99
79) Butylbenzylphthalate	13.30	149	292729	43.33	ng	#	69
80) Benzo(a)anthracene	13.87	228	513031	40.88	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	161210	17.59	ng		99
82) Chrysene	13.92	228	487414	40.32	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	407562	45.45	ng		100
84) Di-n-octyl phthalate	14.48	149	740216	51.70	ng		99
85) Indeno(1,2,3-cd)pyrene	16.63	276	412458	42.05	ng		99
87) Benzo(b)fluoranthene	14.89	252	445030m	39.55	ng		
88) Benzo(k)fluoranthene	14.92	252	457210m	45.88	ng		
89) Benzo(a)pyrene	15.22	252	429650	43.09	ng		98
90) Dibenzo(a,h)anthracene	16.63	278	357500	44.57	ng		99
91) Benzo(g,h,i)perylene	17.01	276	327015	42.12	ng		97

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

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