Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
Data File : BF085920.D
Acq On : 31 Mar 2016 9:06
Operator : UM/SJ
Sample : H2010-02MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AMBOY-SB28COMP0.5-15.0MS

Manual Integrations APPROVED
Sohil
3/31/2016 4:52:53 PM

Quant Time: Mar 31 16:35:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	97979	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	389040	20.00	ng		-0.01
38) Acenaphthene-d10	9.84	164	178540	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	284888	20.00	ng		0.00
75) Chrysene-d12	13.96	240	197222	20.00	ng		-0.01
86) Perylene-d12	15.37	264	195081	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	741765	126.08	ng		0.00
7) Phenol-d6	6.45	99	1000991	133.82	ng		0.00
23) Nitrobenzene-d5	7.37	82	615341	89.07	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	185808	109.54	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1009674	94.48	ng		0.00
78) Terphenyl-d14	12.90	244	653227	68.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	106160	37.79	ng		100
3) Pyridine	3.12	79	286054	42.47	ng		100
4) n-Nitrosodimethylamine	3.06	42	128962	47.83	ng		97
6) Aniline	6.46	93	193023	19.17	ng	#	1
8) 2-Chlorophenol	6.58	128	314913	46.07	ng		100
9) Benzaldehyde	6.34	77	161277	35.78	ng		98
10) Phenol	6.46	94	364805	43.05	ng		96
11) bis(2-Chloroethyl)ether	6.54	93	291812	44.75	ng		99
12) 1,3-Dichlorobenzene	6.73	146	311090m	42.26	ng		
13) 1,4-Dichlorobenzene	6.81	146	319001	42.73	ng		98
14) 1,2-Dichlorobenzene	6.97	146	292066	41.98	ng		97
15) Benzyl Alcohol	6.95	79	236801	47.45	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	354160	40.93	ng		83
17) 2-Methylphenol	7.06	107	249204	45.54	ng		98
18) Hexachloroethane	7.30	117	111047	40.63	ng	#	83
19) n-Nitroso-di-n-propylamine	7.21	70	193968	43.31	ng	#	91
20) 3+4-Methylphenols	7.22	107	305512	46.43	ng	#	70
22) Acetophenone	7.21	105	393581	43.43	ng	#	95
24) Nitrobenzene	7.38	77	293960	41.28	ng		99
25) Isophorone	7.62	82	564650	42.43	ng		98
26) 2-Nitrophenol	7.70	139	159740	44.84	ng		95
27) 2,4-Dimethylphenol	7.75	122	288760	46.37	ng		95
28) bis(2-Chloroethoxy)methane	7.84	93	381537	50.31	ng		99
29) 2,4-Dichlorophenol	7.94	162	230943	44.11	ng		93
30) 1,2,4-Trichlorobenzene	8.02	180	246023	42.33	ng		97
31) Naphthalene	8.10	128	804791	41.05	ng		99
32) Benzoic acid	7.83	122	20648	4.99	ng		95
33) 4-Chloroaniline	8.16	127	98739	12.34	ng		98
34) Hexachlorobutadiene	8.22	225	127930	40.50	ng		97
35) Caprolactam	8.53	113	73262	39.51	ng		96
36) 4-Chloro-3-methylphenol	8.65	107	262352	42.90	ng		97
37) 2-Methylnaphthalene	8.80	142	574737	52.31	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	213761	40.37	ng		100
40) Hexachlorocyclopentadiene	8.95	237	68976	36.86	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	150507	42.09	ng		97
43) 2,4,5-Trichlorophenol	9.12	196	150794	40.21	ng	#	78
45) 1,1'-Biphenyl	9.26	154	615492	40.85	ng		99
46) 2-Chloronaphthalene	9.29	162	488208	44.07	ng		99
47) 2-Nitroaniline	9.38	65	134069	39.58	ng		87
48) Acenaphthylene	9.70	152	796256	44.11	ng		99
49) Dimethylphthalate	9.57	163	688288	50.81	ng		100
50) 2,6-Dinitrotoluene	9.64	165	132194	45.34	ng	#	69
51) Acenaphthene	9.88	154	466496	42.31	ng		98
52) 3-Nitroaniline	9.80	138	86452	25.90	ng		91
53) 2,4-Dinitrophenol	9.92	184	23299	20.66	ng	#	74
54) Dibenzofuran	10.05	168	675390	47.33	ng		99
55) 4-Nitrophenol	9.97	139	142226	65.41	ng	#	77
56) 2,4-Dinitrotoluene	10.04	165	144509	38.99	ng	#	52
57) Fluorene	10.39	166	524402	44.21	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	108770	41.73	ng		98
59) Diethylphthalate	10.26	149	560173	41.86	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	237171	40.89	ng		97
61) 4-Nitroaniline	10.41	138	116403	36.47	ng		93
62) Azobenzene	10.54	77	599393	46.61	ng		99
64) 4,6-Dinitro-2-methylphenol	10.45	198	38655	23.17	ng		81
65) n-Nitrosodiphenylamine	10.50	169	457596	50.71	ng		98
66) 4-Bromophenyl-phenylether	10.87	248	146970	50.43	ng		95
67) Hexachlorobenzene	10.94	284	145955	47.88	ng		98
68) Atrazine	11.03	200	148872	48.87	ng		99
69) Pentachlorophenol	11.13	266	115593	77.25	ng		98
70) Phenanthrene	11.35	178	709657	48.51	ng		99
71) Anthracene	11.40	178	644377	41.96	ng		100
72) Carbazole	11.56	167	602147	46.70	ng		99
73) Di-n-butylphthalate	11.89	149	843853	47.70	ng		99
74) Fluoranthene	12.53	202	551571	35.47	ng		99
76) Benzidine	12.65	184	225008	32.40	ng		98
77) Pyrene	12.76	202	554863	34.23	ng		99
79) Butylbenzylphthalate	13.37	149	262079	38.60	ng	#	65
80) Benzo(a)anthracene	13.95	228	454787	40.44	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	108817	13.94	ng		99
82) Chrysene	13.98	228	416023	36.73	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	358649	44.12	ng		99
84) Di-n-octyl phthalate	14.55	149	614538	50.84	ng		99
85) Indeno(1,2,3-cd)pyrene	16.76	276	445907	50.98	ng		99
87) Benzo(b)fluoranthene	14.97	252	503850m	41.00	ng		
88) Benzo(k)fluoranthene	15.00	252	439579m	39.68	ng		
89) Benzo(a)pyrene	15.32	252	469095	42.99	ng		99
90) Dibenzo(a,h)anthracene	16.76	278	387422	38.21	ng		97
91) Benzo(g,h,i)perylene	17.17	276	350535	34.15	ng	#	93

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

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