Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
Data File : BF085921.D
Acq On : 31 Mar 2016 9:34
Operator : UM/SJ
Sample : H2010-02MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
3/31/2016 4:53:02 PM

Quant Time: Mar 31 16:36:58 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	102717	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	395308	20.00	ng		-0.01
38) Acenaphthene-d10	9.84	164	179271	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	292722	20.00	ng		-0.01
75) Chrysene-d12	13.96	240	199128	20.00	ng		-0.01
86) Perylene-d12	15.37	264	200802	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	709475	115.03	ng		0.00
7) Phenol-d6	6.45	99	999407	127.45	ng		0.00
23) Nitrobenzene-d5	7.37	82	616952	87.89	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	200573	117.76	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	975637	90.93	ng		0.00
78) Terphenyl-d14	12.91	244	670991	69.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	95551	32.44	ng		100
3) Pyridine	3.11	79	251833	35.67	ng		99
4) n-Nitrosodimethylamine	3.05	42	124523	44.05	ng		98
6) Aniline	6.46	93	253424	24.01	ng	#	22
8) 2-Chlorophenol	6.58	128	311117	43.41	ng		99
9) Benzaldehyde	6.34	77	155723	32.96	ng		98
10) Phenol	6.46	94	373455	42.04	ng		89
11) bis(2-Chloroethyl)ether	6.54	93	285282	41.73	ng		99
12) 1,3-Dichlorobenzene	6.73	146	300142m	38.89	ng		
13) 1,4-Dichlorobenzene	6.81	146	309544	39.55	ng		99
14) 1,2-Dichlorobenzene	6.97	146	288040	39.49	ng		96
15) Benzyl Alcohol	6.95	79	236677	45.24	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	342302	37.74	ng		83
17) 2-Methylphenol	7.06	107	249307	43.46	ng		99
18) Hexachloroethane	7.30	117	108287	37.79	ng	#	82
19) n-Nitroso-di-n-propylamine	7.21	70	193458	41.20	ng	#	91
20) 3+4-Methylphenols	7.22	107	308379	44.71	ng	#	70
22) Acetophenone	7.21	105	385084	41.81	ng	#	95
24) Nitrobenzene	7.38	77	289574	40.02	ng		100
25) Isophorone	7.62	82	560200	41.43	ng		99
26) 2-Nitrophenol	7.70	139	160151	44.24	ng		95
27) 2,4-Dimethylphenol	7.75	122	289168	45.70	ng		95
28) bis(2-Chloroethoxy)methane	7.84	93	368672	47.85	ng		99
29) 2,4-Dichlorophenol	7.94	162	231152	43.45	ng		93
30) 1,2,4-Trichlorobenzene	8.02	180	240111	40.66	ng		99
31) Naphthalene	8.10	128	784991	39.41	ng		100
32) Benzoic acid	7.83	122	21275	5.06	ng		95
33) 4-Chloroaniline	8.16	127	128361	15.78	ng		98
34) Hexachlorobutadiene	8.22	225	125120	38.98	ng		99
35) Caprolactam	8.53	113	74609	39.60	ng		91
36) 4-Chloro-3-methylphenol	8.65	107	262600	42.26	ng		98
37) 2-Methylnaphthalene	8.80	142	561644	49.57	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	209700	39.45	ng		99
40) Hexachlorocyclopentadiene	8.95	237	66569	35.78	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	154403	43.00	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	153700	40.82	ng	#	81
45) 1,1'-Biphenyl	9.26	154	588439	38.90	ng		99
46) 2-Chloronaphthalene	9.29	162	471125	42.36	ng		97
47) 2-Nitroaniline	9.38	65	136592	40.16	ng		85
48) Acenaphthylene	9.70	152	776249	42.83	ng		99
49) Dimethylphthalate	9.57	163	719311	52.89	ng		100
50) 2,6-Dinitrotoluene	9.64	165	130315	44.51	ng	#	70
51) Acenaphthene	9.88	154	462385	41.77	ng		100
52) 3-Nitroaniline	9.80	138	90530	27.01	ng		91
53) 2,4-Dinitrophenol	9.91	184	33213	26.80	ng	#	82
54) Dibenzofuran	10.05	168	665214	46.42	ng		98
55) 4-Nitrophenol	9.97	139	144370	66.13	ng	#	80
56) 2,4-Dinitrotoluene	10.04	165	147950	39.76	ng	#	58
57) Fluorene	10.39	166	507915	42.64	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	107030	40.90	ng		97
59) Diethylphthalate	10.26	149	572086	42.57	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	247416	42.48	ng		93
61) 4-Nitroaniline	10.41	138	113866	35.53	ng		92
62) Azobenzene	10.54	77	582523	45.11	ng		99
64) 4,6-Dinitro-2-methylphenol	10.45	198	43412	25.32	ng	#	74
65) n-Nitrosodiphenylamine	10.50	169	444269	47.92	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	140986	47.08	ng		92
67) Hexachlorobenzene	10.94	284	141131	45.06	ng		98
68) Atrazine	11.03	200	148474	47.43	ng		100
69) Pentachlorophenol	11.13	266	115995	75.44	ng		100
70) Phenanthrene	11.35	178	679842	45.23	ng		99
71) Anthracene	11.40	178	645151	40.89	ng		99
72) Carbazole	11.56	167	599166	45.23	ng		99
73) Di-n-butylphthalate	11.89	149	824802	45.37	ng		99
74) Fluoranthene	12.53	202	534834	33.48	ng		99
76) Benzidine	12.65	184	248950	35.50	ng		98
77) Pyrene	12.76	202	534626	32.66	ng		99
79) Butylbenzylphthalate	13.37	149	261305	38.12	ng	#	67
80) Benzo(a)anthracene	13.95	228	447997	39.46	ng		100
81) 3,3'-Dichlorobenzidine	13.91	252	118507	15.04	ng		98
82) Chrysene	13.98	228	424799	37.14	ng		100
83) Bis(2-ethylhexyl)phthalate	13.93	149	347152	42.30	ng		100
84) Di-n-octyl phthalate	14.55	149	621355	50.91	ng		99
85) Indeno(1,2,3-cd)pyrene	16.76	276	440010	49.82	ng		99
87) Benzo(b)fluoranthene	14.97	252	508315m	40.18	ng		
88) Benzo(k)fluoranthene	15.00	252	434760m	38.12	ng		
89) Benzo(a)pyrene	15.32	252	467759	41.65	ng		98
90) Dibenzo(a,h)anthracene	16.76	278	382045	36.61	ng		98
91) Benzo(g,h,i)perylene	17.17	276	344037	32.56	ng	#	93

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

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