Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081315\
Data File : BF080981.D
Acq On : 13 Aug 2015 15:07
Operator : UM/IZ
Sample : G3248-11MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CSB-03MSD

Manual Integrations APPROVED
MMDadoda
8/14/2015 3:08:42 PM

Quant Time: Aug 14 05:58:17 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	35783	20.00	ng		-0.06
21) Naphthalene-d8	8.03	136	164157	20.00	ng		-0.07
38) Acenaphthene-d10	9.79	164	74965	20.00	ng		-0.06
63) Phenanthrene-d10	11.27	188	178391	20.00	ng		-0.06
75) Chrysene-d12	13.88	240	128156	20.00	ng		-0.08
86) Perylene-d12	15.27	264	98285	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	218308	99.68	ng		-0.03
7) Phenol-d6	6.38	99	247748	82.55	ng		-0.06
23) Nitrobenzene-d5	7.31	82	193615	55.79	ng		-0.07
41) 2,4,6-Tribromophenol	10.57	330	45070	54.73	ng		-0.07
44) 2-Fluorobiphenyl	9.12	172	410760	77.14	ng		-0.06
78) Terphenyl-d14	12.84	244	278910	44.95	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	25538	24.58	ng	#	82
3) Pyridine	3.00	79	72827	24.72	ng	#	86
4) n-Nitrosodimethylamine	2.93	42	55585	36.96	ng		81
6) Aniline	6.41	93	66638	15.11	ng	#	80
8) 2-Chlorophenol	6.53	128	73652	29.06	ng		94
9) Benzaldehyde	6.29	77	52169	25.79	ng		100
10) Phenol	6.40	94	77009	21.63	ng		77
11) bis(2-Chloroethyl)ether	6.49	93	66256	24.92	ng		91
12) 1,3-Dichlorobenzene	6.69	146	67570	25.12	ng		97
13) 1,4-Dichlorobenzene	6.77	146	76626	27.42	ng		99
14) 1,2-Dichlorobenzene	6.92	146	72782	28.81	ng		98
15) Benzyl Alcohol	6.90	79	77194	31.43	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.04	45	151766	28.37	ng		99
17) 2-Methylphenol	7.01	107	61837	28.59	ng	#	92
18) Hexachloroethane	7.26	117	34233	31.97	ng		94
19) n-Nitroso-di-n-propylamine	7.17	70	68235	31.11	ng		98
20) 3+4-Methylphenols	7.16	107	79713	29.33	ng	#	75
22) Acetophenone	7.16	105	120605	29.98	ng	#	99
24) Nitrobenzene	7.33	77	98397	27.54	ng		98
25) Isophorone	7.57	82	150014	22.48	ng	#	92
26) 2-Nitrophenol	7.65	139	42117	28.01	ng		95
27) 2,4-Dimethylphenol	7.70	122	83963	29.83	ng		96
28) bis(2-Chloroethoxy)methane	7.79	93	106022	26.46	ng		97
29) 2,4-Dichlorophenol	7.89	162	68949	29.81	ng		98
30) 1,2,4-Trichlorobenzene	7.97	180	74187	29.34	ng	#	94
31) Naphthalene	8.05	128	328286	36.28	ng		99
33) 4-Chloroaniline	8.11	127	67757	18.43	ng		95
34) Hexachlorobutadiene	8.18	225	43069	28.63	ng		96
35) Caprolactam	8.46	113	24430	29.36	ng	#	39
36) 4-Chloro-3-methylphenol	8.59	107	83260	29.50	ng		99
37) 2-Methylnaphthalene	8.75	142	200964	34.89	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	63160	27.33	ng	#	96
40) Hexachlorocyclopentadiene	8.90	237	74228	58.86	ng		94
42) 2,4,6-Trichlorophenol	9.02	196	43548	25.71	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.06	196	37785	22.14	ng	#	72
45) 1,1'-Biphenyl	9.21	154	188290	29.27	ng		97
46) 2-Chloronaphthalene	9.23	162	141502	28.21	ng		93
47) 2-Nitroaniline	9.33	65	65797	32.71	ng	#	84
48) Acenaphthylene	9.64	152	238478	27.35	ng		100
49) Dimethylphthalate	9.52	163	242490	38.94	ng		99
50) 2,6-Dinitrotoluene	9.57	165	40494	31.48	ng		88
51) Acenaphthene	9.81	154	136601	25.58	ng		99
52) 3-Nitroaniline	9.73	138	33653	21.22	ng		87
54) Dibenzofuran	9.98	168	194677	26.96	ng		92
55) 4-Nitrophenol	9.89	139	45831	38.60	ng	#	37
56) 2,4-Dinitrotoluene	9.97	165	54229	31.50	ng	#	83
57) Fluorene	10.33	166	164128	29.38	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	23063	17.07	ng	#	87
59) Diethylphthalate	10.21	149	200730	30.97	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	86473	31.77	ng		88
61) 4-Nitroaniline	10.35	138	46692	28.61	ng		93
62) Azobenzene	10.49	77	232462	32.07	ng		94
64) 4,6-Dinitro-2-methylphenol	10.37	198	6614	5.98	ng	#	51
65) n-Nitrosodiphenylamine	10.44	169	154767	24.97	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	39964	21.15	ng	#	80
67) Hexachlorobenzene	10.88	284	44545	21.21	ng	#	75
68) Atrazine	10.97	200	45153	24.85	ng		97
69) Pentachlorophenol	11.07	266	14787	12.11	ng		100
70) Phenanthrene	11.29	178	272210	26.95	ng		99
71) Anthracene	11.33	178	236026	23.60	ng		99
72) Carbazole	11.49	167	266633	27.38	ng		97
73) Di-n-butylphthalate	11.84	149	368635	30.28	ng		98
74) Fluoranthene	12.47	202	236331	21.64	ng		97
76) Benzidine	12.59	184	87171	13.26	ng		98
77) Pyrene	12.69	202	250177	26.43	ng		99
79) Butylbenzylphthalate	13.32	149	133289	29.20	ng	#	72
80) Benzo(a)anthracene	13.87	228	165425	20.44	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	38141	12.95	ng		97
82) Chrysene	13.92	228	160734	20.74	ng		99
83) Bis(2-ethylhexyl)phthalate	13.88	149	193993	30.55	ng	#	95
84) Di-n-octyl phthalate	14.49	149	295847	27.48	ng		96
85) Indeno(1,2,3-cd)pyrene	16.57	276	48259	6.54	ng		99
87) Benzo(b)fluoranthene	14.88	252	140788m	20.60	ng		
88) Benzo(k)fluoranthene	14.91	252	81058m	13.56	ng		
89) Benzo(a)pyrene	15.21	252	90642	15.43	ng	#	94
90) Dibenzo(a,h)anthracene	16.59	278	42887	8.25	ng		98
91) Benzo(g,h,i)perylene	16.97	276	34449	6.82	ng	#	94

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

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