Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
Data File : BF081113.D
Acq On : 20 Aug 2015 7:45
Operator : UM/IZ
Sample : G3318-02MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NCB-083-CS-3(0-8FTBGS)MSD

Manual Integrations APPROVED
MMDadoda
8/20/2015 3:41:55 PM

Quant Time: Aug 20 08:17:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	60939	20.00	ng		-0.04
21) Naphthalene-d8	7.88	136	245565	20.00	ng		-0.03
38) Acenaphthene-d10	9.62	164	112205	20.00	ng		-0.03
63) Phenanthrene-d10	11.09	188	228657	20.00	ng		-0.04
75) Chrysene-d12	13.72	240	171031	20.00	ng		-0.03
86) Perylene-d12	15.04	264	162154	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	506064	124.91	ng		0.00
7) Phenol-d6	6.24	99	621695	117.61	ng		-0.02
23) Nitrobenzene-d5	7.16	82	490149	91.18	ng		-0.03
41) 2,4,6-Tribromophenol	10.41	330	155607	159.98	ng		-0.03
44) 2-Fluorobiphenyl	8.96	172	826675	96.53	ng		-0.03
78) Terphenyl-d14	12.68	244	735118	92.14	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	66055	34.60	ng	#	91
3) Pyridine	2.78	79	160525	29.79	ng	#	81
4) n-Nitrosodimethylamine	2.69	42	118689	39.56	ng	#	79
6) Aniline	6.25	93	151868	19.76	ng	#	1
8) 2-Chlorophenol	6.38	128	186160	41.98	ng	#	82
9) Benzaldehyde	6.13	77	61039	17.91	ng		99
10) Phenol	6.25	94	235441	37.71	ng		87
11) bis(2-Chloroethyl)ether	6.33	93	198434	41.42	ng		90
12) 1,3-Dichlorobenzene	6.53	146	190983	40.08	ng		96
13) 1,4-Dichlorobenzene	6.61	146	196199	41.58	ng		97
14) 1,2-Dichlorobenzene	6.76	146	170078	38.51	ng		99
15) Benzyl Alcohol	6.74	79	180708	42.25	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.88	45	385002	40.90	ng		96
17) 2-Methylphenol	6.86	107	168366	44.25	ng		97
18) Hexachloroethane	7.10	117	74450	39.05	ng		99
19) n-Nitroso-di-n-propylamine	7.02	70	154659	42.24	ng		92
20) 3+4-Methylphenols	7.02	107	199359	41.28	ng	#	61
22) Acetophenone	7.01	105	285376	44.27	ng	#	89
24) Nitrobenzene	7.18	77	241711	43.00	ng		99
25) Isophorone	7.42	82	434227	43.32	ng		98
26) 2-Nitrophenol	7.50	139	110212	47.15	ng	#	67
27) 2,4-Dimethylphenol	7.54	122	180734	43.71	ng		94
28) bis(2-Chloroethoxy)methane	7.65	93	264173	44.61	ng		98
29) 2,4-Dichlorophenol	7.74	162	161921	46.51	ng		89
30) 1,2,4-Trichlorobenzene	7.82	180	160963	41.60	ng		97
31) Naphthalene	7.90	128	613254	44.80	ng		100
32) Benzoic acid	7.67	122	67045	28.82	ng		95
33) 4-Chloroaniline	7.96	127	90094	15.60	ng	#	86
34) Hexachlorobutadiene	8.02	225	96366	44.04	ng		97
35) Caprolactam	8.33	113	53552m	44.01	ng		
36) 4-Chloro-3-methylphenol	8.45	107	197787	47.67	ng		99
37) 2-Methylnaphthalene	8.58	142	365081	42.22	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	161351	44.57	ng	#	97
40) Hexachlorocyclopentadiene	8.74	237	161199	86.03	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	122113	47.75	ng		99
43) 2,4,5-Trichlorophenol	8.92	196	114849	44.93	ng		97
45) 1,1'-Biphenyl	9.05	154	457859	46.33	ng		95
46) 2-Chloronaphthalene	9.08	162	366196	46.12	ng		97
47) 2-Nitroaniline	9.18	65	159918	49.22	ng	#	67
48) Acenaphthylene	9.49	152	626808	44.13	ng		99
49) Dimethylphthalate	9.36	163	426851	46.19	ng		99
50) 2,6-Dinitrotoluene	9.42	165	83985	42.33	ng	#	64
51) Acenaphthene	9.66	154	371870	43.73	ng		100
52) 3-Nitroaniline	9.58	138	66627	26.84	ng		96
53) 2,4-Dinitrophenol	9.69	184	66996	63.62	ng	#	63
54) Dibenzofuran	9.83	168	543183	47.67	ng		97
55) 4-Nitrophenol	9.76	139	142749	81.86	ng	#	80
56) 2,4-Dinitrotoluene	9.82	165	110457	42.00	ng	#	62
57) Fluorene	10.16	166	388708	44.35	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.94	232	93830m	47.43	ng		
59) Diethylphthalate	10.06	149	443955	45.39	ng		98
60) 4-Chlorophenyl-phenylether	10.16	204	165968	44.75	ng		95
61) 4-Nitroaniline	10.20	138	94915	37.40	ng		94
62) Azobenzene	10.32	77	521235	46.25	ng		96
64) 4,6-Dinitro-2-methylphenol	10.23	198	52854	38.71	ng	#	46
65) n-Nitrosodiphenylamine	10.29	169	352660	43.21	ng		99
66) 4-Bromophenyl-phenylether	10.65	248	109619	48.80	ng	#	91
67) Hexachlorobenzene	10.71	284	111732	49.11	ng		95
68) Atrazine	10.82	200	130970	57.59	ng		97
69) Pentachlorophenol	10.90	266	118550	86.85	ng		97
70) Phenanthrene	11.12	178	632971	46.71	ng		100
71) Anthracene	11.17	178	556974	42.24	ng		100
72) Carbazole	11.33	167	587312	46.26	ng		99
73) Di-n-butylphthalate	11.67	149	681846	44.38	ng		98
74) Fluoranthene	12.29	202	660260	45.15	ng		92
76) Benzidine	12.42	184	105190	16.28	ng		98
77) Pyrene	12.52	202	640166	46.04	ng		99
79) Butylbenzylphthalate	13.16	149	343333	57.45	ng	#	78
80) Benzo(a)anthracene	13.71	228	612007	53.36	ng		98
81) 3,3'-Dichlorobenzidine	13.67	252	129251	34.79	ng		99
82) Chrysene	13.74	228	580738	56.18	ng		100
83) Bis(2-ethylhexyl)phthalate	13.72	149	423166	55.28	ng	#	98
84) Di-n-octyl phthalate	14.32	149	737894	63.42	ng		98
85) Indeno(1,2,3-cd)pyrene	16.27	276	445094	61.33	ng	#	94
87) Benzo(b)fluoranthene	14.70	252	651139m	56.77	ng		
88) Benzo(k)fluoranthene	14.72	252	379916m	35.55	ng		
89) Benzo(a)pyrene	15.00	252	459053	45.93	ng	#	95
90) Dibenzo(a,h)anthracene	16.28	278	371034	47.65	ng	#	96
91) Benzo(g,h,i)perylene	16.62	276	363379	45.99	ng	#	89

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

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