Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF052115\
Data File : BF079408.D
Acq On : 21 May 2015 17:41
Operator : TP/IZ
Sample : G2315-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DCW-WW-144-51915MSD

Manual Integrations APPROVED
apatel
5/22/2015 4:30:43 PM

Quant Time: May 22 01:20:56 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 22 01:11:00 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.073	152	60610	20.00	ng		0.00
21) Naphthalene-d8	8.650	136	249935	20.00	ng		0.00
38) Acenaphthene-d10	10.822	164	119716	20.00	ng		0.00
63) Phenanthrene-d10	12.651	188	216518	20.00	ng		0.00
75) Chrysene-d12	15.942	240	221410	20.00	ng		#-0.02
86) Perylene-d12	17.726	264	231912	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.347	112	268551m	76.27	ng		0.00
7) Phenol-d6	6.650	99	210171	45.16	ng		0.00
23) Nitrobenzene-d5	7.770	82	481478	110.72	ng		0.00
41) 2,4,6-Tribromophenol	11.805	330	235089	181.52	ng		0.00
44) 2-Fluorobiphenyl	9.999	172	941929	109.62	ng		0.00
78) Terphenyl-d14	14.651	244	984894	106.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.930	88	29978m	19.58	ng		
3) Pyridine	2.638	79	78012m	17.41	ng		
4) n-Nitrosodimethylamine	2.535	42	39926m	20.80	ng		
6) Aniline	6.662	93	162863	24.79	ng	#	74
8) 2-Chlorophenol	6.799	128	179257	44.89	ng		94
9) Benzaldehyde	6.513	77	46164m	14.72	ng		
10) Phenol	6.662	94	86715	16.06	ng	#	18
11) bis(2-Chloroethyl)ether	6.764	93	217558	54.97	ng		94
12) 1,3-Dichlorobenzene	6.993	146	232541	51.81	ng	#	96
13) 1,4-Dichlorobenzene	7.096	146	232410	50.31	ng		97
14) 1,2-Dichlorobenzene	7.279	146	222421	51.72	ng		95
15) Benzyl Alcohol	7.256	79	105605	30.57	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.439	45	320319	52.90	ng		97
17) 2-Methylphenol	7.416	107	119875	37.30	ng		97
18) Hexachloroethane	7.690	117	81935	51.49	ng		96
19) n-Nitroso-di-n-propyla...	7.599	70	170918	54.37	ng		93
20) 3+4-Methylphenols	7.610	107	136324	31.84	ng	#	44
22) Acetophenone	7.587	105	329222	58.30	ng	#	84
24) Nitrobenzene	7.793	77	244312	56.68	ng	#	83
25) Isophorone	8.090	82	432520	53.65	ng		94
26) 2-Nitrophenol	8.182	139	105376	59.06	ng	#	85
27) 2,4-Dimethylphenol	8.262	122	170028	47.62	ng		100
28) bis(2-Chloroethoxy)met...	8.376	93	279772	56.29	ng		100
29) 2,4-Dichlorophenol	8.490	162	171027	53.87	ng		88
30) 1,2,4-Trichlorobenzene	8.582	180	189655	54.38	ng		99
31) Naphthalene	8.673	128	645553	54.21	ng		99
32) Benzoic acid	8.353	122	18231	13.39	ng		95
33) 4-Chloroaniline	8.753	127	196458	38.99	ng		95
34) Hexachlorobutadiene	8.833	225	103111	51.34	ng		99
35) Caprolactam	9.188	113	7982	7.78	ng	#	81
36) 4-Chloro-3-methylphenol	9.370	107	167242	50.15	ng		99
37) 2-Methylnaphthalene	9.530	142	454520	55.08	ng		95
39) 1,2,4,5-Tetrachloroben...	9.736	216	179755	53.31	ng		98
40) Hexachlorocyclopentadiene	9.725	237	139268	82.14	ng		96
42) 2,4,6-Trichlorophenol	9.896	196	124230	53.59	ng		97
43) 2,4,5-Trichlorophenol	9.942	196	128401	54.79	ng		97
45) 1,1'-Biphenyl	10.113	154	537225	56.45	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	10.136	162	418181	56.33	ng		94
47) 2-Nitroaniline	10.273	65	127622	59.33	ng	#	67
48) Acenaphthylene	10.639	152	682673	56.01	ng		100
49) Dimethylphthalate	10.513	163	517416	58.89	ng		98
50) 2,6-Dinitrotoluene	10.582	165	102701	59.23	ng	#	65
51) Acenaphthene	10.856	154	382004	52.55	ng		99
52) 3-Nitroaniline	10.788	138	97409	44.97	ng	#	75
53) 2,4-Dinitrophenol	10.925	184	65790	85.32	ng	#	61
54) Dibenzofuran	11.073	168	594816	56.65	ng		99
55) 4-Nitrophenol	11.016	139	49235	28.72	ng	#	71
56) 2,4-Dinitrotoluene	11.085	165	137139	59.83	ng	#	85
57) Fluorene	11.496	166	477990	55.47	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.233	232	103511	54.05	ng		99
59) Diethylphthalate	11.382	149	486356	55.87	ng		99
60) 4-Chlorophenyl-phenyle...	11.508	204	213769	55.92	ng		98
61) 4-Nitroaniline	11.542	138	113746	52.49	ng		86
62) Azobenzene	11.702	77	481032	56.08	ng		99
64) 4,6-Dinitro-2-methylph...	11.588	198	57094	58.19	ng		92
65) n-Nitrosodiphenylamine	11.656	169	408193	56.61	ng		99
66) 4-Bromophenyl-phenylether	12.114	248	134510	59.60	ng		92
67) Hexachlorobenzene	12.171	284	151345	58.67	ng	#	81
68) Atrazine	12.342	200	130132	62.06	ng		91
69) Pentachlorophenol	12.422	266	132771	87.29	ng		98
70) Phenanthrene	12.685	178	685001	56.55	ng		99
71) Anthracene	12.754	178	709265	59.69	ng		99
72) Carbazole	12.959	167	694910	61.35	ng		99
73) Di-n-butylphthalate	13.416	149	832794	61.31	ng		99
74) Fluoranthene	14.159	202	757610	60.02	ng		96
76) Benzidine	14.342	184	385720	64.64	ng		98
77) Pyrene	14.434	202	763593	59.85	ng		100
79) Butylbenzylphthalate	15.268	149	361017	64.73	ng	#	90
80) Benzo(a)anthracene	15.931	228	701684	57.87	ng		99
81) 3,3'-Dichlorobenzidine	15.920	252	234184	54.22	ng		98
82) Chrysene	15.977	228	663623	56.91	ng		99
83) Bis(2-ethylhexyl)phtha...	16.000	149	546327	64.67	ng	#	98
84) Di-n-octyl phthalate	16.823	149	940501	63.22	ng		97
85) Indeno(1,2,3-cd)pyrene	19.086	276	884878	59.55	ng		100
87) Benzo(b)fluoranthene	17.268	252	867502	68.34	ng		98
88) Benzo(k)fluoranthene	17.303	252	565118m	45.99	ng		
89) Benzo(a)pyrene	17.668	252	713030	61.00	ng		99
90) Dibenzo(a,h)anthracene	19.120	278	738800	59.47	ng		100
91) Benzo(g,h,i)perylene	19.486	276	736091	59.12	ng	#	93

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

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