Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033115\
Data File : BF078149.D
Acq On : 1 Apr 2015 9:47
Operator : TP/IZ
Sample : G1711-02MSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB2(1-2)MSD

Quant Time: Apr 01 13:05:53 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 31 14:58:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	39086	20.00	ng		0.00
21) Naphthalene-d8	8.62	136	161222	20.00	ng		0.00
38) Acenaphthene-d10	10.78	164	80090	20.00	ng		-0.01
63) Phenanthrene-d10	12.62	188	155958	20.00	ng		0.00
75) Chrysene-d12	15.89	240	149296m	20.00	ng		-0.09
86) Perylene-d12	17.62	264	148617m	20.00	ng		-0.29
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	203935	91.07	ng		0.00
7) Phenol-d6	6.64	99	308573	111.54	ng		0.00
23) Nitrobenzene-d5	7.74	82	184577	75.05	ng		0.00
41) 2,4,6-Tribromophenol	11.77	330	44839	58.51	ng		-0.01
44) 2-Fluorobiphenyl	9.97	172	391845	71.90	ng		0.00
78) Terphenyl-d14	14.61	244	407041	66.60	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.90	88	30030	29.54	ng	#	100
3) Pyridine	2.56	79	86742	31.75	ng		94
4) n-Nitrosodimethylamine	2.50	42	39811	33.47	ng		99
6) Aniline	6.64	93	56116	14.18	ng	#	66
8) 2-Chlorophenol	6.78	128	92191	34.59	ng		92
9) Benzaldehyde	6.50	77	3132	2.76	ng	#	79
10) Phenol	6.65	94	124589	38.10	ng		83
11) bis(2-Chloroethyl)ether	6.74	93	88013	35.93	ng		91
12) 1,3-Dichlorobenzene	6.97	146	101379	34.20	ng		98
13) 1,4-Dichlorobenzene	7.07	146	102452	33.26	ng		99
14) 1,2-Dichlorobenzene	7.25	146	96151	34.05	ng		98
15) Benzyl Alcohol	7.24	79	78944	36.56	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.41	45	119802	36.29	ng		100
17) 2-Methylphenol	7.40	107	74926	34.53	ng		96
18) Hexachloroethane	7.66	117	34080	33.73	ng		90
19) n-Nitroso-di-n-propylamine	7.57	70	68740	35.92	ng	#	95
20) 3+4-Methylphenols	7.60	107	103562	36.37	ng		98
22) Acetophenone	7.56	105	133347	37.36	ng	#	92
24) Nitrobenzene	7.77	77	97357	36.74	ng	#	84
25) Isophorone	8.06	82	176912	35.62	ng		95
26) 2-Nitrophenol	8.16	139	39194	30.21	ng	#	84
27) 2,4-Dimethylphenol	8.24	122	82994	35.12	ng		97
28) bis(2-Chloroethoxy)methane	8.35	93	110577	36.68	ng		99
29) 2,4-Dichlorophenol	8.46	162	77174	34.26	ng		98
30) 1,2,4-Trichlorobenzene	8.56	180	85669	33.99	ng		99
31) Naphthalene	8.65	128	291015	35.15	ng		99
32) Benzoic acid	8.33	122	865	3.71	ng	#	84
33) 4-Chloroaniline	8.73	127	58511	17.41	ng	#	92
34) Hexachlorobutadiene	8.81	225	48667	34.07	ng		99
35) Caprolactam	9.14	113	24780	37.64	ng		89
36) 4-Chloro-3-methylphenol	9.36	107	82839	36.55	ng		100
37) 2-Methylnaphthalene	9.50	142	208219	37.43	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.71	216	85488	35.79	ng	#	100
40) Hexachlorocyclopentadiene	9.70	237	58410	50.08	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.87	196	32996	19.94	ng		99
43) 2,4,5-Trichlorophenol	9.92	196	51293	28.69	ng	#	93
45) 1,1'-Biphenyl	10.09	154	236491	36.94	ng		98
46) 2-Chloronaphthalene	10.11	162	184170	35.40	ng		98
47) 2-Nitroaniline	10.25	65	49917	38.63	ng		85
48) Acenaphthylene	10.61	152	292076	33.76	ng		100
49) Dimethylphthalate	10.49	163	278329	46.86	ng		99
50) 2,6-Dinitrotoluene	10.56	165	47171	38.31	ng	#	85
51) Acenaphthene	10.83	154	171700	34.61	ng		99
52) 3-Nitroaniline	10.75	138	42939	30.03	ng	#	71
53) 2,4-Dinitrophenol	10.90	184	1497	11.03	ng	#	83
54) Dibenzofuran	11.05	168	261234	35.51	ng		99
55) 4-Nitrophenol	10.99	139	31496	29.73	ng	#	75
56) 2,4-Dinitrotoluene	11.05	165	61121	38.07	ng	#	77
57) Fluorene	11.47	166	210987	34.54	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.21	232	20714	15.05	ng	#	100
59) Diethylphthalate	11.36	149	207041	35.77	ng		97
60) 4-Chlorophenyl-phenylether	11.48	204	97995	35.15	ng		96
61) 4-Nitroaniline	11.50	138	46551	32.66	ng		77
62) Azobenzene	11.68	77	261190	47.22	ng		98
64) 4,6-Dinitro-2-methylphenol	11.55	198	4129	9.40	ng		90
65) n-Nitrosodiphenylamine	11.63	169	187551	36.12	ng		99
66) 4-Bromophenyl-phenylether	12.09	248	57269	34.41	ng		95
67) Hexachlorobenzene	12.13	284	59631	32.61	ng	#	76
68) Atrazine	12.30	200	56083	38.54	ng		94
69) Pentachlorophenol	12.40	266	20132	23.29	ng		98
70) Phenanthrene	12.65	178	308468	34.45	ng		99
71) Anthracene	12.72	178	314488	35.55	ng		99
72) Carbazole	12.92	167	288745	34.32	ng		100
73) Di-n-butylphthalate	13.39	149	347912	36.88	ng		97
74) Fluoranthene	14.12	202	347821	35.22	ng		98
76) Benzidine	14.32	184	140899	38.13	ng		98
77) Pyrene	14.40	202	348216	37.09	ng		98
79) Butylbenzylphthalate	15.24	149	153346	41.43	ng		98
80) Benzo(a)anthracene	15.88	228	312758m	35.34	ng		
81) 3,3'-Dichlorobenzidine	15.87	252	89804m	30.76	ng		
82) Chrysene	15.93	228	301767	37.92	ng		99
83) Bis(2-ethylhexyl)phthalate	15.96	149	222580m	39.70	ng		
84) Di-n-octyl phthalate	16.75	149	382748m	39.92	ng		
85) Indeno(1,2,3-cd)pyrene	19.35	276	290924	29.29	ng	#	100
87) Benzo(b)fluoranthene	17.19	252	317502m	32.72	ng		
88) Benzo(k)fluoranthene	17.21	252	289278m	38.17	ng		
89) Benzo(a)pyrene	17.56	252	297475m	36.75	ng		
90) Dibenzo(a,h)anthracene	18.98	278	275825m	34.35	ng		
91) Benzo(g,h,i)perylene	19.35	276	285876m	34.97	ng		

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

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