Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071615\
Data File : BF080522.D
Acq On : 16 Jul 2015 21:14
Operator : TP/UM
Sample : G2925-08MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-E4MS

Quant Time: Jul 17 07:02:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 17:11:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	21843	20.00	ng		0.00
21) Naphthalene-d8	8.36	136	92834	20.00	ng		0.00
38) Acenaphthene-d10	10.12	164	42961	20.00	ng		0.00
63) Phenanthrene-d10	11.61	188	82457	20.00	ng		0.00
75) Chrysene-d12	14.37	240	75417	20.00	ng		-0.06
86) Perylene-d12	16.04	264	72461	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	143841	112.26	ng		0.01
7) Phenol-d6	6.72	99	190793	109.65	ng		0.00
23) Nitrobenzene-d5	7.64	82	138346	87.48	ng		0.00
41) 2,4,6-Tribromophenol	10.91	330	51561	154.25	ng		0.00
44) 2-Fluorobiphenyl	9.44	172	290267	91.94	ng		0.00
78) Terphenyl-d14	13.21	244	278511	76.57	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	17632	27.86	ng		97
3) Pyridine	3.81	79	25464	21.85	ng	#	88
4) n-Nitrosodimethylamine	3.60	42	29090	36.32	ng		82
6) Aniline	6.75	93	45909	20.46	ng	#	80
8) 2-Chlorophenol	6.86	128	56699	39.45	ng	#	79
9) Benzaldehyde	6.64	77	14547	12.32	ng	#	83
10) Phenol	6.73	94	65301	34.88	ng	#	55
11) bis(2-Chloroethyl)ether	6.81	93	55394	40.65	ng		91
12) 1,3-Dichlorobenzene	7.01	146	58515	32.54	ng	#	90
13) 1,4-Dichlorobenzene	7.09	146	61009m	32.82	ng		
14) 1,2-Dichlorobenzene	7.25	146	53273	32.66	ng		99
15) Benzyl Alcohol	7.23	79	48710	40.11	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	7.34	45	102778	42.05	ng		57
17) 2-Methylphenol	7.33	107	45516	39.56	ng	#	74
18) Hexachloroethane	7.60	117	17577	31.61	ng	#	64
19) n-Nitroso-di-n-propylamine	7.48	70	42195	39.95	ng	#	84
20) 3+4-Methylphenols	7.49	107	63656	40.95	ng	#	77
22) Acetophenone	7.48	105	89376	43.50	ng	#	78
24) Nitrobenzene	7.66	77	64972	40.69	ng	#	75
25) Isophorone	7.89	82	122834	43.97	ng	#	90
26) 2-Nitrophenol	7.98	139	27348	39.47	ng	#	79
27) 2,4-Dimethylphenol	8.02	122	56753	42.40	ng	#	77
28) bis(2-Chloroethoxy)methane	8.10	93	73993	45.10	ng	#	92
29) 2,4-Dichlorophenol	8.22	162	55827	45.76	ng		95
30) 1,2,4-Trichlorobenzene	8.30	180	50446	36.02	ng		99
31) Naphthalene	8.38	128	181829	39.88	ng		98
32) Benzoic acid	8.11	122	26136	37.90	ng	#	56
33) 4-Chloroaniline	8.44	127	39312	22.18	ng	#	88
34) Hexachlorobutadiene	8.50	225	30670	37.82	ng		99
35) Caprolactam	8.78	113	10536	37.21	ng	#	78
36) 4-Chloro-3-methylphenol	8.92	107	57341	44.51	ng	#	80
37) 2-Methylnaphthalene	9.07	142	119399	43.82	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	9.24	216	57825	41.97	ng		99
40) Hexachlorocyclopentadiene	9.23	237	60408	89.34	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.36	196	37558	45.55	ng		99
43) 2,4,5-Trichlorophenol	9.40	196	41087	46.81	ng		97
45) 1,1'-Biphenyl	9.54	154	156607	44.60	ng		95
46) 2-Chloronaphthalene	9.56	162	113660	43.22	ng	#	92
47) 2-Nitroaniline	9.66	65	33152	48.92	ng	#	53
48) Acenaphthylene	9.98	152	194355	44.12	ng		98
49) Dimethylphthalate	9.84	163	141322	47.96	ng	#	97
50) 2,6-Dinitrotoluene	9.90	165	26642	46.21	ng	#	92
51) Acenaphthene	10.16	154	127851	49.11	ng		89
52) 3-Nitroaniline	10.08	138	21747	34.14	ng	#	33
53) 2,4-Dinitrophenol	10.18	184	27272	87.77	ng	#	64
54) Dibenzofuran	10.33	168	179358	47.66	ng	#	92
55) 4-Nitrophenol	10.25	139	40793	88.93	ng	#	27
56) 2,4-Dinitrotoluene	10.30	165	42446	50.80	ng	#	94
57) Fluorene	10.67	166	133209	45.09	ng		90
58) 2,3,4,6-Tetrachlorophenol	10.45	232	29349	45.83	ng		98
59) Diethylphthalate	10.53	149	128940	46.40	ng		97
60) 4-Chlorophenyl-phenylether	10.66	204	60100	45.45	ng		92
61) 4-Nitroaniline	10.69	138	28817	45.70	ng	#	41
62) Azobenzene	10.82	77	148945	51.02	ng		95
64) 4,6-Dinitro-2-methylphenol	10.72	198	16075	40.00	ng	#	70
65) n-Nitrosodiphenylamine	10.77	169	123713	44.11	ng		94
66) 4-Bromophenyl-phenylether	11.15	248	34116	42.48	ng	#	84
67) Hexachlorobenzene	11.22	284	39494	44.47	ng	#	85
68) Atrazine	11.29	200	29446	38.78	ng		81
69) Pentachlorophenol	11.41	266	35727	75.43	ng		94
70) Phenanthrene	11.63	178	203042	43.73	ng		97
71) Anthracene	11.69	178	197125	44.77	ng		99
72) Carbazole	11.85	167	171996	44.54	ng		97
73) Di-n-butylphthalate	12.16	149	194121	42.89	ng	#	98
74) Fluoranthene	12.83	202	198338	45.61	ng		95
76) Benzidine	12.97	184	45205	18.20	ng	#	96
77) Pyrene	13.07	202	209904	42.68	ng		97
79) Butylbenzylphthalate	13.71	149	79662	45.24	ng	#	83
80) Benzo(a)anthracene	14.36	228	187028	44.20	ng		98
81) 3,3'-Dichlorobenzidine	14.33	252	49417	35.71	ng	#	93
82) Chrysene	14.41	228	181113	44.00	ng		95
83) Bis(2-ethylhexyl)phthalate	14.33	149	117343	45.58	ng	#	92
84) Di-n-octyl phthalate	15.05	149	179280	42.51	ng		98
85) Indeno(1,2,3-cd)pyrene	17.62	276	233892	46.23	ng	#	93
87) Benzo(b)fluoranthene	15.57	252	181948	43.39	ng	#	87
88) Benzo(k)fluoranthene	15.61	252	182677m	42.85	ng		
89) Benzo(a)pyrene	15.97	252	183604	46.82	ng	#	86
90) Dibenzo(a,h)anthracene	17.63	278	195427	45.27	ng	#	86
91) Benzo(g,h,i)perylene	18.10	276	199115	44.42	ng	#	80

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

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