Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
Data File : BF078234.D
Acq On : 3 Apr 2015 9:21
Operator : TP/IZ
Sample : G1731-04MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-4MS

Manual Integrations APPROVED
apatel
4/6/2015 12:06:16 PM

Quant Time: Apr 03 12:32:49 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 02 13:21:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	55819	20.00	ng		0.01
21) Naphthalene-d8	8.60	136	225434	20.00	ng		0.01
38) Acenaphthene-d10	10.76	164	114821	20.00	ng		0.00
63) Phenanthrene-d10	12.60	188	223559	20.00	ng		0.01
75) Chrysene-d12	15.87	240	231766	20.00	ng		0.00
86) Perylene-d12	17.60	264	231297	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	284393	84.00	ng		0.02
7) Phenol-d6	6.64	99	374888	88.36	ng		0.03
23) Nitrobenzene-d5	7.72	82	219915	59.13	ng		0.01
41) 2,4,6-Tribromophenol	11.74	330	87729	92.12	ng		0.00
44) 2-Fluorobiphenyl	9.95	172	412399	51.34	ng		0.01
78) Terphenyl-d14	14.59	244	461157	44.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.87	88	28143	18.38	ng		96
3) Pyridine	2.51	79	94173	23.48	ng	#	87
4) n-Nitrosodimethylamine	2.44	42	44772m	29.00	ng		
6) Aniline	6.61	93	99663	16.56	ng	#	88
8) 2-Chlorophenol	6.76	128	111334	27.81	ng		96
10) Phenol	6.65	94	140628	27.66	ng		91
11) bis(2-Chloroethyl)ether	6.72	93	97253	26.60	ng		95
12) 1,3-Dichlorobenzene	6.94	146	106639	24.25	ng	#	91
13) 1,4-Dichlorobenzene	7.04	146	108173	24.44	ng		99
14) 1,2-Dichlorobenzene	7.22	146	103568	24.96	ng		99
15) Benzyl Alcohol	7.22	79	88430	29.66	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.39	45	132940	27.26	ng	#	1
17) 2-Methylphenol	7.39	107	88013	28.32	ng	#	93
18) Hexachloroethane	7.64	117	34770	23.29	ng		94
19) n-Nitroso-di-n-propylamine	7.55	70	76324	27.26	ng	#	89
20) 3+4-Methylphenols	7.58	107	117705	28.39	ng		99
22) Acetophenone	7.54	105	152205	28.98	ng	#	96
24) Nitrobenzene	7.74	77	115666	29.75	ng		89
25) Isophorone	8.04	82	196185	27.79	ng	#	93
26) 2-Nitrophenol	8.13	139	48294	26.07	ng	#	85
27) 2,4-Dimethylphenol	8.22	122	91350	26.51	ng		97
28) bis(2-Chloroethoxy)methane	8.33	93	126992	28.06	ng		99
29) 2,4-Dichlorophenol	8.45	162	96127	30.67	ng		96
30) 1,2,4-Trichlorobenzene	8.53	180	95127	26.47	ng		99
31) Naphthalene	8.62	128	318554	27.15	ng		100
32) Benzoic acid	8.34	122	18495	15.83	ng		88
33) 4-Chloroaniline	8.72	127	94953	19.50	ng		97
34) Hexachlorobutadiene	8.78	225	51002	25.85	ng		98
35) Caprolactam	9.14	113	28158	30.10	ng		95
36) 4-Chloro-3-methylphenol	9.34	107	94386	29.84	ng		91
37) 2-Methylnaphthalene	9.48	142	219899	27.60	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	92721	26.06	ng		98
40) Hexachlorocyclopentadiene	9.68	237	46624	34.66	ng		97
42) 2,4,6-Trichlorophenol	9.85	196	65771	29.31	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.90	196	69135	29.49	ng	#	85
45) 1,1'-Biphenyl	10.06	154	257292	27.39	ng		99
46) 2-Chloronaphthalene	10.09	162	198161	26.82	ng		94
47) 2-Nitroaniline	10.22	65	58839	32.18	ng	#	83
48) Acenaphthylene	10.59	152	324949	27.23	ng		99
49) Dimethylphthalate	10.46	163	285136	33.05	ng	#	97
50) 2,6-Dinitrotoluene	10.53	165	52814	29.76	ng	#	77
51) Acenaphthene	10.81	154	184513	27.46	ng		99
52) 3-Nitroaniline	10.74	138	55638	27.57	ng		94
53) 2,4-Dinitrophenol	10.88	184	6053	19.00	ng	#	90
54) Dibenzofuran	11.01	168	278109	27.10	ng		95
55) 4-Nitrophenol	10.99	139	77717m	53.26	ng		
56) 2,4-Dinitrotoluene	11.02	165	66970	29.13	ng	#	75
57) Fluorene	11.44	166	227838	27.39	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.18	232	53887	31.01	ng		99
59) Diethylphthalate	11.33	149	230573	27.72	ng		99
60) 4-Chlorophenyl-phenylether	11.46	204	105360	27.54	ng		92
61) 4-Nitroaniline	11.49	138	56419	27.66	ng		96
62) Azobenzene	11.65	77	235354	31.00	ng		86
64) 4,6-Dinitro-2-methylphenol	11.53	198	7839	14.37	ng	#	67
65) n-Nitrosodiphenylamine	11.61	169	198486	25.67	ng		99
66) 4-Bromophenyl-phenylether	12.05	248	61960	26.17	ng		90
67) Hexachlorobenzene	12.11	284	67738	26.11	ng		93
68) Atrazine	12.28	200	62492	27.90	ng		96
69) Pentachlorophenol	12.37	266	57985	53.27	ng		98
70) Phenanthrene	12.62	178	347307	26.86	ng		100
71) Anthracene	12.69	178	344530	27.04	ng		99
72) Carbazole	12.91	167	331329	27.74	ng		98
73) Di-n-butylphthalate	13.36	149	382661	28.29	ng		99
74) Fluoranthene	14.10	202	391946	28.74	ng		92
76) Benzidine	14.29	184	146539	16.42	ng		97
77) Pyrene	14.37	202	393769	27.06	ng		99
79) Butylbenzylphthalate	15.22	149	183715	33.13	ng	#	79
80) Benzo(a)anthracene	15.86	228	366930	26.61	ng		99
81) 3,3'-Dichlorobenzidine	15.85	252	119023	25.77	ng	#	98
82) Chrysene	15.91	228	349965	27.01	ng		99
83) Bis(2-ethylhexyl)phthalate	15.94	149	276261	31.76	ng		98
84) Di-n-octyl phthalate	16.73	149	487945	34.17	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.92	276	412153	28.03	ng	#	85
87) Benzo(b)fluoranthene	17.15	252	400075	27.99	ng	#	96
88) Benzo(k)fluoranthene	17.19	252	320795m	25.25	ng		
89) Benzo(a)pyrene	17.54	252	353568	28.34	ng		99
90) Dibenzo(a,h)anthracene	18.95	278	338891	27.13	ng		98
91) Benzo(g,h,i)perylene	19.30	276	341620	27.28	ng		99

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

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