Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032415\
Data File : BF077949.D
Acq On : 25 Mar 2015 11:14
Operator : TP/IZ
Sample : G1613-20MS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-14MS

Manual Integrations APPROVED
mohammad
3/25/2015 5:01:43 PM

Quant Time: Mar 25 12:12:51 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 25 11:05:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	45723m	20.00	ng		0.00
21) Naphthalene-d8	8.69	136	186058	20.00	ng		0.00
38) Acenaphthene-d10	10.86	164	93433	20.00	ng		0.00
63) Phenanthrene-d10	12.71	188	184150	20.00	ng		0.01
75) Chrysene-d12	16.00	240	198058	20.00	ng		0.01
86) Perylene-d12	17.76	264	187466	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	247478	94.48	ng		0.01
7) Phenol-d6	6.70	99	327512	101.20	ng		0.01
23) Nitrobenzene-d5	7.81	82	183059	64.49	ng		0.00
41) 2,4,6-Tribromophenol	11.85	330	78365	87.66	ng		0.01
44) 2-Fluorobiphenyl	10.04	172	404919	63.69	ng		0.00
78) Terphenyl-d14	14.69	244	467807	57.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	30910	25.99	ng	#	100
3) Pyridine	2.69	79	53416	16.72	ng		100
4) n-Nitrosodimethylamine	2.61	42	38838	27.91	ng		90
6) Aniline	6.70	93	34233m	7.39	ng		
8) 2-Chlorophenol	6.85	128	93919	30.12	ng		98
9) Benzaldehyde	6.57	77	4635	3.50	ng		92
10) Phenol	6.72	94	121682m	31.81	ng		
11) bis(2-Chloroethyl)ether	6.82	93	86897	30.32	ng		98
12) 1,3-Dichlorobenzene	7.05	146	95484m	27.53	ng		
13) 1,4-Dichlorobenzene	7.14	146	99107	27.50	ng		94
14) 1,2-Dichlorobenzene	7.32	146	94733	28.68	ng		96
15) Benzyl Alcohol	7.31	79	73664	29.16	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.49	45	113753	29.46	ng		96
17) 2-Methylphenol	7.47	107	72552	28.58	ng		98
18) Hexachloroethane	7.74	117	27849m	23.57	ng		
19) n-Nitroso-di-n-propylamine	7.64	70	66681	29.78	ng		99
20) 3+4-Methylphenols	7.66	107	100923	30.30	ng		97
22) Acetophenone	7.63	105	130146	31.60	ng	#	97
24) Nitrobenzene	7.84	77	93593	30.61	ng		97
25) Isophorone	8.14	82	166783	29.10	ng		98
26) 2-Nitrophenol	8.24	139	32455	21.68	ng		98
27) 2,4-Dimethylphenol	8.30	122	80147	29.39	ng		95
28) bis(2-Chloroethoxy)methane	8.42	93	105338	30.28	ng		100
29) 2,4-Dichlorophenol	8.53	162	79794	30.69	ng		96
30) 1,2,4-Trichlorobenzene	8.64	180	82467	28.35	ng		99
31) Naphthalene	8.73	128	273116	28.58	ng		99
32) Benzoic acid	8.41	122	40458	27.97	ng		98
33) 4-Chloroaniline	8.81	127	42111	10.86	ng		97
34) Hexachlorobutadiene	8.88	225	45633	27.68	ng		98
35) Caprolactam	9.23	113	22593	29.74	ng		97
36) 4-Chloro-3-methylphenol	9.42	107	81185	31.04	ng		93
37) 2-Methylnaphthalene	9.58	142	193653	30.17	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.79	216	81904	29.39	ng	#	100
40) Hexachlorocyclopentadiene	9.77	237	14927	13.44	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.94	196	56207	29.12	ng		99
43) 2,4,5-Trichlorophenol	10.00	196	57874	27.75	ng		99
45) 1,1'-Biphenyl	10.17	154	231780	31.03	ng		98
46) 2-Chloronaphthalene	10.18	162	174250	28.71	ng	#	90
47) 2-Nitroaniline	10.32	65	50270	33.35	ng	#	82
48) Acenaphthylene	10.69	152	286043	28.34	ng		100
49) Dimethylphthalate	10.56	163	216887	31.30	ng		100
50) 2,6-Dinitrotoluene	10.62	165	39704	27.64	ng		89
51) Acenaphthene	10.91	154	165811	28.65	ng		100
52) 3-Nitroaniline	10.83	138	48064	28.81	ng		89
53) 2,4-Dinitrophenol	10.97	184	932	9.65	ng	#	84
54) Dibenzofuran	11.13	168	252605	29.43	ng		99
55) 4-Nitrophenol	11.06	139	65009	52.61	ng	#	70
56) 2,4-Dinitrotoluene	11.13	165	50728	27.08	ng	#	74
57) Fluorene	11.55	166	206907	29.03	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.28	232	47640	29.67	ng	#	100
59) Diethylphthalate	11.44	149	204206	30.24	ng		99
60) 4-Chlorophenyl-phenylether	11.56	204	91821	28.23	ng		92
61) 4-Nitroaniline	11.58	138	50969	30.66	ng		87
62) Azobenzene	11.76	77	194771	30.18	ng		96
64) 4,6-Dinitro-2-methylphenol	11.63	198	1153	5.50	ng		89
65) n-Nitrosodiphenylamine	11.71	169	177940	29.02	ng		99
66) 4-Bromophenyl-phenylether	12.16	248	56236	28.62	ng	#	77
67) Hexachlorobenzene	12.23	284	57930	26.83	ng		96
68) Atrazine	12.39	200	57474	33.45	ng		96
69) Pentachlorophenol	12.48	266	59374	53.56	ng		97
70) Phenanthrene	12.74	178	307123	29.05	ng		98
71) Anthracene	12.80	178	301508	28.87	ng		99
72) Carbazole	13.01	167	288697	29.06	ng		97
73) Di-n-butylphthalate	13.46	149	350422	31.46	ng		99
74) Fluoranthene	14.20	202	330096	28.31	ng		94
76) Benzidine	14.40	184	277629	56.88	ng		99
77) Pyrene	14.49	202	353501	28.38	ng		100
79) Butylbenzylphthalate	15.32	149	156131	31.80	ng		96
80) Benzo(a)anthracene	15.97	228	336861	28.69	ng		100
81) 3,3'-Dichlorobenzidine	15.96	252	121542	31.38	ng		97
82) Chrysene	16.02	228	316474	29.98	ng		99
83) Bis(2-ethylhexyl)phthalate	16.04	149	241712	32.50	ng	#	96
84) Di-n-octyl phthalate	16.85	149	414405	32.58	ng		99
85) Indeno(1,2,3-cd)pyrene	19.14	276	333957	25.35	ng	#	100
87) Benzo(b)fluoranthene	17.30	252	375440	30.68	ng		98
88) Benzo(k)fluoranthene	17.33	252	275455	28.82	ng		98
89) Benzo(a)pyrene	17.69	252	324739	31.80	ng	#	96
90) Dibenzo(a,h)anthracene	19.16	278	282566	27.90	ng		97
91) Benzo(g,h,i)perylene	19.54	276	276938	26.86	ng		98

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

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