Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030315\
Data File : BF077544.D
Acq On : 3 Mar 2015 14:31
Operator : TP/IZ
Sample : PB81931BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB81931BS

Manual Integrations APPROVED
mohammad
3/4/2015 4:41:41 PM

Quant Time: Mar 04 01:19:49 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 03 23:57:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	69877	20.00	ng		0.00
21) Naphthalene-d8	8.81	136	283891	20.00	ng		0.00
38) Acenaphthene-d10	10.99	164	145444	20.00	ng		0.00
63) Phenanthrene-d10	12.83	188	294885	20.00	ng		0.00
75) Chrysene-d12	16.12	240	309150	20.00	ng		-0.03
86) Perylene-d12	17.86	264	346293	20.00	ng		-0.12
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	435638	104.08	ng		0.00
7) Phenol-d6	6.80	99	556645	103.43	ng		0.00
23) Nitrobenzene-d5	7.93	82	279343	61.19	ng		0.00
41) 2,4,6-Tribromophenol	11.97	330	138100	98.61	ng		0.00
44) 2-Fluorobiphenyl	10.16	172	634679	68.04	ng		0.00
78) Terphenyl-d14	14.83	244	759012	57.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	47177	26.56	ng	#	95
3) Pyridine	2.93	79	150956	29.71	ng		95
4) n-Nitrosodimethylamine	2.83	42	67250	30.44	ng		96
6) Aniline	6.82	93	148812	20.01	ng	#	20
8) 2-Chlorophenol	6.97	128	158081	32.01	ng		95
9) Benzaldehyde	6.68	77	31561	9.66	ng		93
10) Phenol	6.82	94	199917	31.31	ng	#	72
11) bis(2-Chloroethyl)ether	6.93	93	133167	29.02	ng		84
12) 1,3-Dichlorobenzene	7.16	146	146425	27.23	ng	#	94
13) 1,4-Dichlorobenzene	7.26	146	146451	26.77	ng		97
14) 1,2-Dichlorobenzene	7.44	146	137617	26.45	ng		96
15) Benzyl Alcohol	7.42	79	112448	27.49	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.60	45	165642	25.25	ng		97
17) 2-Methylphenol	7.56	107	109487	28.37	ng		95
18) Hexachloroethane	7.86	117	49882	27.30	ng	#	88
19) n-Nitroso-di-n-propylamine	7.75	70	96396	28.21	ng		93
20) 3+4-Methylphenols	7.76	107	146921	28.90	ng	#	77
22) Acetophenone	7.75	105	188812	28.27	ng	#	89
24) Nitrobenzene	7.95	77	137552	28.64	ng	#	85
25) Isophorone	8.25	82	247731	27.35	ng	#	91
26) 2-Nitrophenol	8.35	139	66075	33.56	ng	#	84
27) 2,4-Dimethylphenol	8.41	122	128480	29.17	ng		97
28) bis(2-Chloroethoxy)methane	8.53	93	160769	28.10	ng		98
29) 2,4-Dichlorophenol	8.64	162	119323	28.86	ng		98
30) 1,2,4-Trichlorobenzene	8.75	180	123367	27.14	ng		96
31) Naphthalene	8.84	128	404124	28.47	ng		99
32) Benzoic acid	8.51	122	69507	32.48	ng		98
33) 4-Chloroaniline	8.91	127	105271	16.68	ng	#	91
34) Hexachlorobutadiene	9.00	225	66743	25.72	ng		98
35) Caprolactam	9.34	113	37732	29.90	ng	#	76
36) 4-Chloro-3-methylphenol	9.52	107	121166	29.15	ng		87
37) 2-Methylnaphthalene	9.70	142	279462	27.72	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.91	216	126306	30.27	ng		98
40) Hexachlorocyclopentadiene	9.89	237	136344	60.93	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 03 23:57:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.05	196	91546	33.12	ng		99
43) 2,4,5-Trichlorophenol	10.10	196	95165	32.20	ng	#	94
45) 1,1'-Biphenyl	10.28	154	329949	29.94	ng		98
46) 2-Chloronaphthalene	10.30	162	278565	32.23	ng		96
47) 2-Nitroaniline	10.43	65	75347	35.42	ng		91
48) Acenaphthylene	10.82	152	434224	31.74	ng		99
49) Dimethylphthalate	10.67	163	312051	30.52	ng		99
50) 2,6-Dinitrotoluene	10.74	165	66222	32.30	ng	#	48
51) Acenaphthene	11.03	154	240834	29.50	ng		99
52) 3-Nitroaniline	10.94	138	55100	23.31	ng		84
53) 2,4-Dinitrophenol	11.08	184	52361	83.93	ng		92
54) Dibenzofuran	11.25	168	375283	29.77	ng		96
55) 4-Nitrophenol	11.16	139	131293	69.05	ng		90
56) 2,4-Dinitrotoluene	11.24	165	95868	34.60	ng	#	91
57) Fluorene	11.67	166	303387	30.11	ng		96
58) 2,3,4,6-Tetrachlorophenol	11.40	232	76361	32.14	ng		96
59) Diethylphthalate	11.55	149	310342	30.79	ng		99
60) 4-Chlorophenyl-phenylether	11.68	204	141994	29.24	ng	#	87
61) 4-Nitroaniline	11.70	138	77399	34.16	ng		90
62) Azobenzene	11.87	77	275097	28.77	ng		94
64) 4,6-Dinitro-2-methylphenol	11.74	198	36574	32.39	ng		97
65) n-Nitrosodiphenylamine	11.83	169	274115	28.02	ng		99
66) 4-Bromophenyl-phenylether	12.29	248	89828	26.01	ng	#	91
67) Hexachlorobenzene	12.35	284	102754	27.72	ng	#	77
68) Atrazine	12.50	200	93679	29.45	ng		98
69) Pentachlorophenol	12.60	266	116007	59.55	ng		99
70) Phenanthrene	12.86	178	493449	28.87	ng		100
71) Anthracene	12.93	178	499976	29.48	ng		99
72) Carbazole	13.13	167	465012	28.83	ng		99
73) Di-n-butylphthalate	13.58	149	500082	26.41	ng		98
74) Fluoranthene	14.34	202	526342	28.19	ng		99
76) Benzidine	14.52	184	202194	19.36	ng		97
77) Pyrene	14.62	202	535728	28.33	ng		99
79) Butylbenzylphthalate	15.45	149	219302	28.19	ng		96
80) Benzo(a)anthracene	16.11	228	515548	28.45	ng		100
81) 3,3'-Dichlorobenzidine	16.09	252	126139	19.00	ng		98
82) Chrysene	16.15	228	491312	28.88	ng		98
83) Bis(2-ethylhexyl)phthalate	16.17	149	302410	24.24	ng	#	96
84) Di-n-octyl phthalate	16.97	149	600074	28.81	ng		98
85) Indeno(1,2,3-cd)pyrene	19.30	276	646642m	33.33	ng		
87) Benzo(b)fluoranthene	17.41	252	587559	29.18	ng	#	98
88) Benzo(k)fluoranthene	17.45	252	573553m	29.06	ng		
89) Benzo(a)pyrene	17.79	252	557749	29.08	ng	#	97
90) Dibenzo(a,h)anthracene	19.33	278	534599	29.23	ng		99
91) Benzo(g,h,i)perylene	19.72	276	549383	29.76	ng		98

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

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