Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090415\
Data File : BF081423.D
Acq On : 4 Sep 2015 17:16
Operator : UM/IZ
Sample : PB85417BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85417BS

Manual Integrations APPROVED
MMDadoda
9/8/2015 1:56:54 PM

Quant Time: Sep 07 01:25:02 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 07 01:02:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	64593	20.00	ng		0.00
21) Naphthalene-d8	7.64	136	249416	20.00	ng		-0.01
38) Acenaphthene-d10	9.39	164	123585	20.00	ng		0.00
63) Phenanthrene-d10	10.86	188	246139	20.00	ng		0.00
75) Chrysene-d12	13.46	240	179612	20.00	ng		0.00
86) Perylene-d12	14.77	264	123886	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.92	112	492622	118.33	ng		0.02
7) Phenol-d6	6.03	99	628318	114.02	ng		0.00
23) Nitrobenzene-d5	6.94	82	394618	76.33	ng		-0.01
41) 2,4,6-Tribromophenol	10.18	330	131199	119.23	ng		0.00
44) 2-Fluorobiphenyl	8.73	172	626781	64.99	ng		-0.01
78) Terphenyl-d14	12.43	244	627368	81.31	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.77	88	56309	30.12	ng	#	89
3) Pyridine	2.31	79	173574	33.66	ng		92
4) n-Nitrosodimethylamine	2.27	42	107622	37.57	ng	#	74
6) Aniline	6.02	93	178732	22.97	ng	#	79
8) 2-Chlorophenol	6.15	128	179738	39.18	ng		85
9) Benzaldehyde	5.90	77	22683	6.57	ng	#	79
10) Phenol	6.04	94	203876	31.90	ng	#	39
11) bis(2-Chloroethyl)ether	6.11	93	169919	36.85	ng		86
12) 1,3-Dichlorobenzene	6.30	146	181626	37.05	ng	#	92
13) 1,4-Dichlorobenzene	6.38	146	173638	34.79	ng	#	89
14) 1,2-Dichlorobenzene	6.52	146	152820	34.01	ng	#	85
15) Benzyl Alcohol	6.52	79	166803	36.90	ng	#	71
16) 2,2'-oxybis(1-Chloropropan	6.66	45	356426	40.33	ng	#	1
17) 2-Methylphenol	6.66	107	142320	38.88	ng	#	74
18) Hexachloroethane	6.87	117	69357	35.72	ng		95
19) n-Nitroso-di-n-propylamine	6.80	70	137543	36.67	ng	#	89
20) 3+4-Methylphenols	6.82	107	193673	39.24	ng		88
22) Acetophenone	6.79	105	251047	36.85	ng	#	76
24) Nitrobenzene	6.96	77	218377	40.68	ng	#	66
25) Isophorone	7.21	82	361865	37.63	ng	#	87
26) 2-Nitrophenol	7.28	139	93490	39.96	ng	#	55
27) 2,4-Dimethylphenol	7.35	122	159835	39.55	ng	#	86
28) bis(2-Chloroethoxy)methane	7.43	93	203885	36.71	ng	#	91
29) 2,4-Dichlorophenol	7.53	162	142030	40.53	ng		95
30) 1,2,4-Trichlorobenzene	7.60	180	147584	38.76	ng		96
31) Naphthalene	7.67	128	466325	35.06	ng		98
32) Benzoic acid	7.50	122	79988	28.80	ng	#	55
33) 4-Chloroaniline	7.74	127	111761	20.60	ng	#	82
34) Hexachlorobutadiene	7.80	225	82315	35.53	ng		97
35) Caprolactam	8.11	113	51568m	47.98	ng		
36) 4-Chloro-3-methylphenol	8.25	107	176774	45.06	ng	#	77
37) 2-Methylnaphthalene	8.36	142	333920	38.58	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	129231	33.06	ng		98
40) Hexachlorocyclopentadiene	8.51	237	125482	65.42	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	92437	34.27	ng		98
43) 2,4,5-Trichlorophenol	8.71	196	96944	35.23	ng	#	94
45) 1,1'-Biphenyl	8.83	154	408084	35.89	ng		94
46) 2-Chloronaphthalene	8.84	162	282886	34.45	ng	#	89
47) 2-Nitroaniline	8.96	65	137293	41.03	ng	#	72
48) Acenaphthylene	9.26	152	509307	34.96	ng		97
49) Dimethylphthalate	9.15	163	369788	38.51	ng	#	97
50) 2,6-Dinitrotoluene	9.20	165	69113	31.71	ng	#	3
51) Acenaphthene	9.43	154	305155	36.82	ng		90
52) 3-Nitroaniline	9.37	138	59695	24.06	ng	#	79
53) 2,4-Dinitrophenol	9.47	184	63125	68.77	ng	#	1
54) Dibenzofuran	9.60	168	454241	37.54	ng	#	89
55) 4-Nitrophenol	9.56	139	116141m	74.51	ng		
56) 2,4-Dinitrotoluene	9.60	165	91729	33.06	ng	#	1
57) Fluorene	9.93	166	314483	34.25	ng		95
58) 2,3,4,6-Tetrachlorophenol	9.72	232	82136	39.09	ng		90
59) Diethylphthalate	9.84	149	348679	34.52	ng		94
60) 4-Chlorophenyl-phenylether	9.94	204	164176	38.36	ng		96
61) 4-Nitroaniline	9.98	138	78069	31.15	ng	#	29
62) Azobenzene	10.09	77	428691	38.18	ng	#	80
64) 4,6-Dinitro-2-methylphenol	10.01	198	52297	37.99	ng		88
65) n-Nitrosodiphenylamine	10.07	169	305247	34.08	ng		91
66) 4-Bromophenyl-phenylether	10.42	248	93187	37.44	ng		98
67) Hexachlorobenzene	10.48	284	95722	36.79	ng	#	80
68) Atrazine	10.60	200	101942	39.33	ng		85
69) Pentachlorophenol	10.67	266	86684	69.69	ng		98
70) Phenanthrene	10.88	178	452208	33.05	ng		96
71) Anthracene	10.94	178	515145	36.64	ng		99
72) Carbazole	11.10	167	471305	35.73	ng		95
73) Di-n-butylphthalate	11.45	149	598844	38.44	ng	#	98
74) Fluoranthene	12.06	202	522750	35.29	ng		84
76) Benzidine	12.19	184	184371	23.91	ng		98
77) Pyrene	12.27	202	553397	41.59	ng		98
79) Butylbenzylphthalate	12.92	149	249835	43.18	ng	#	84
80) Benzo(a)anthracene	13.45	228	422787	36.96	ng		96
81) 3,3'-Dichlorobenzidine	13.43	252	87104	22.58	ng		99
82) Chrysene	13.48	228	347752	33.92	ng		95
83) Bis(2-ethylhexyl)phthalate	13.50	149	307285	40.24	ng	#	94
84) Di-n-octyl phthalate	14.09	149	444014	35.31	ng		98
85) Indeno(1,2,3-cd)pyrene	15.84	276	285293	37.92	ng	#	90
87) Benzo(b)fluoranthene	14.45	252	379249m	42.88	ng		
88) Benzo(k)fluoranthene	14.47	252	262838m	35.81	ng		
89) Benzo(a)pyrene	14.72	252	273545	36.50	ng	#	90
90) Dibenzo(a,h)anthracene	15.85	278	238254	41.14	ng	#	84
91) Benzo(g,h,i)perylene	16.16	276	237594	42.98	ng	#	78

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

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