Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090115\
Data File : BF081309.D
Acq On : 1 Sep 2015 17:58
Operator : UM/IZ
Sample : PB85287BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85287BS

Manual Integrations APPROVED
MMDadoda
9/2/2015 2:10:38 PM

Quant Time: Sep 02 01:05:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	55937	20.00	ng		0.00
21) Naphthalene-d8	7.68	136	217299	20.00	ng		0.00
38) Acenaphthene-d10	9.42	164	96994	20.00	ng		0.00
63) Phenanthrene-d10	10.89	188	198529	20.00	ng		0.01
75) Chrysene-d12	13.50	240	174826	20.00	ng		0.00
86) Perylene-d12	14.80	264	115306	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.95	112	422500	117.19	ng		0.02
7) Phenol-d6	6.06	99	557214	116.76	ng		0.00
23) Nitrobenzene-d5	6.97	82	383074	85.05	ng		0.00
41) 2,4,6-Tribromophenol	10.20	330	99418	115.12	ng		0.00
44) 2-Fluorobiphenyl	8.76	172	647773	85.58	ng		0.00
78) Terphenyl-d14	12.47	244	530381	70.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.82	88	49978	30.87	ng		91
3) Pyridine	2.35	79	169164	37.89	ng	#	84
4) n-Nitrosodimethylamine	2.32	42	98392	39.67	ng	#	78
6) Aniline	6.04	93	183256	27.19	ng	#	71
8) 2-Chlorophenol	6.17	128	153389	38.61	ng	#	76
9) Benzaldehyde	5.92	77	27287	9.13	ng	#	67
10) Phenol	6.07	94	195012	35.24	ng	#	42
11) bis(2-Chloroethyl)ether	6.15	93	168965	42.32	ng		98
12) 1,3-Dichlorobenzene	6.33	146	156091	36.77	ng	#	95
13) 1,4-Dichlorobenzene	6.41	146	164213	37.99	ng	#	94
14) 1,2-Dichlorobenzene	6.56	146	156971m	40.34	ng		
15) Benzyl Alcohol	6.56	79	164606	42.05	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	6.70	45	295235	38.57	ng		86
17) 2-Methylphenol	6.68	107	133090	41.98	ng	#	77
18) Hexachloroethane	6.90	117	65960	39.23	ng	#	87
19) n-Nitroso-di-n-propylamine	6.83	70	128179	39.46	ng	#	84
20) 3+4-Methylphenols	6.84	107	170115	39.80	ng		88
22) Acetophenone	6.82	105	237380	39.99	ng	#	81
24) Nitrobenzene	6.98	77	169508	36.24	ng	#	60
25) Isophorone	7.23	82	323264	38.59	ng	#	84
26) 2-Nitrophenol	7.30	139	75448	37.01	ng	#	28
27) 2,4-Dimethylphenol	7.37	122	153445	43.58	ng	#	78
28) bis(2-Chloroethoxy)methane	7.46	93	210255	43.45	ng	#	94
29) 2,4-Dichlorophenol	7.55	162	131370	43.03	ng		91
30) 1,2,4-Trichlorobenzene	7.62	180	132278	39.88	ng	#	96
31) Naphthalene	7.70	128	464523	40.08	ng		98
32) Benzoic acid	7.52	122	93009	37.58	ng	#	59
33) 4-Chloroaniline	7.77	127	99195	20.99	ng	#	92
34) Hexachlorobutadiene	7.83	225	80247	39.75	ng		98
35) Caprolactam	8.15	113	48735m	52.04	ng		
36) 4-Chloro-3-methylphenol	8.27	107	163299	47.78	ng	#	78
37) 2-Methylnaphthalene	8.39	142	277098	36.74	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	129082	42.08	ng	#	97
40) Hexachlorocyclopentadiene	8.55	237	139170	92.45	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.68	196	86870	41.03	ng		97
43) 2,4,5-Trichlorophenol	8.73	196	94202	43.62	ng	#	96
45) 1,1'-Biphenyl	8.86	154	335224	37.57	ng		95
46) 2-Chloronaphthalene	8.88	162	279852	43.43	ng		94
47) 2-Nitroaniline	8.98	65	108951	41.48	ng	#	59
48) Acenaphthylene	9.28	152	433274	37.90	ng		97
49) Dimethylphthalate	9.18	163	312546	41.47	ng	#	97
50) 2,6-Dinitrotoluene	9.23	165	75649	44.23	ng	#	63
51) Acenaphthene	9.45	154	242220	37.24	ng		89
52) 3-Nitroaniline	9.39	138	55130	28.31	ng	#	54
53) 2,4-Dinitrophenol	9.51	184	88118	122.32	ng	#	57
54) Dibenzofuran	9.62	168	387877	40.84	ng	#	83
55) 4-Nitrophenol	9.59	139	121588	99.39	ng	#	60
56) 2,4-Dinitrotoluene	9.63	165	103859	47.69	ng	#	76
57) Fluorene	9.96	166	318087	44.14	ng		96
58) 2,3,4,6-Tetrachlorophenol	9.75	232	71238	43.20	ng		93
59) Diethylphthalate	9.87	149	359720	45.38	ng		97
60) 4-Chlorophenyl-phenylether	9.96	204	135123	40.23	ng	#	79
61) 4-Nitroaniline	10.01	138	81785	41.57	ng	#	56
62) Azobenzene	10.12	77	389419	44.19	ng		85
64) 4,6-Dinitro-2-methylphenol	10.03	198	47252	42.55	ng		82
65) n-Nitrosodiphenylamine	10.09	169	268819	37.21	ng		91
66) 4-Bromophenyl-phenylether	10.44	248	76582	38.15	ng	#	71
67) Hexachlorobenzene	10.50	284	82383	39.25	ng	#	78
68) Atrazine	10.63	200	79402	37.98	ng		83
69) Pentachlorophenol	10.71	266	86066	83.77	ng		99
70) Phenanthrene	10.91	178	482145	43.68	ng		97
71) Anthracene	10.96	178	420504	37.08	ng		98
72) Carbazole	11.12	167	416839	39.17	ng	#	94
73) Di-n-butylphthalate	11.47	149	496212	39.49	ng	#	98
74) Fluoranthene	12.08	202	457974	38.33	ng		91
76) Benzidine	12.22	184	210134	28.00	ng		98
77) Pyrene	12.31	202	555113	42.87	ng		99
79) Butylbenzylphthalate	12.96	149	227594	40.41	ng		97
80) Benzo(a)anthracene	13.49	228	426365	38.30	ng		96
81) 3,3'-Dichlorobenzidine	13.46	252	82373	21.93	ng	#	94
82) Chrysene	13.52	228	328911	32.96	ng		94
83) Bis(2-ethylhexyl)phthalate	13.52	149	280153	37.69	ng	#	90
84) Di-n-octyl phthalate	14.13	149	453958	37.09	ng		99
85) Indeno(1,2,3-cd)pyrene	15.90	276	271144	37.03	ng	#	86
87) Benzo(b)fluoranthene	14.48	252	398769m	48.44	ng		
88) Benzo(k)fluoranthene	14.50	252	274714m	40.22	ng		
89) Benzo(a)pyrene	14.75	252	293661	42.10	ng	#	88
90) Dibenzo(a,h)anthracene	15.91	278	228082	42.31	ng	#	77
91) Benzo(g,h,i)perylene	16.22	276	219519	42.67	ng	#	72

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

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