Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
Data File : BF081724.D
Acq On : 21 Sep 2015 20:54
Operator : UM/IZ
Sample : G3717-10MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MSD

Manual Integrations APPROVED
MMDadoda
9/22/2015 2:15:33 PM

Quant Time: Sep 22 03:17:27 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	39998	20.00	ng		-0.06
21) Naphthalene-d8	11.06	136	152944	20.00	ng		-0.06
38) Acenaphthene-d10	15.20	164	70365	20.00	ng		-0.06
63) Phenanthrene-d10	18.71	188	143511	20.00	ng		-0.04
75) Chrysene-d12	23.35	240	107511	20.00	ng		-0.03
86) Perylene-d12	24.79	264	78738	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	179788	69.74	ng		-0.02
7) Phenol-d6	7.60	99	152941	44.82	ng		-0.04
23) Nitrobenzene-d5	9.48	82	350775	110.65	ng		-0.06
41) 2,4,6-Tribromophenol	17.12	330	108691	173.48	ng		-0.04
44) 2-Fluorobiphenyl	13.72	172	598456	108.99	ng		-0.06
78) Terphenyl-d14	22.07	244	519721	112.53	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	1.57	88	31756m	27.43	ng		
3) Pyridine	2.10	79	42070	13.18	ng	#	73
4) n-Nitrosodimethylamine	2.05	42	39983	22.54	ng	#	60
6) Aniline	7.48	93	97722	20.28	ng	#	85
8) 2-Chlorophenol	7.72	128	106380	37.45	ng	#	76
9) Benzaldehyde	7.20	77	45100	21.09	ng	#	72
10) Phenol	7.62	94	57795	14.60	ng	#	41
11) bis(2-Chloroethyl)ether	7.69	93	133332	46.70	ng		87
12) 1,3-Dichlorobenzene	8.01	146	118647	39.09	ng	#	89
13) 1,4-Dichlorobenzene	8.20	146	120533	39.00	ng	#	89
14) 1,2-Dichlorobenzene	8.52	146	120328	43.24	ng	#	89
15) Benzyl Alcohol	8.62	79	85802	30.65	ng	#	70
16) 2,2'-oxybis(1-Chloropropan	8.93	45	271776	49.66	ng		95
17) 2-Methylphenol	8.97	107	74276	32.77	ng	#	78
18) Hexachloroethane	9.25	117	47815	39.77	ng		88
19) n-Nitroso-di-n-propylamine	9.25	70	110305	47.49	ng	#	87
20) 3+4-Methylphenols	9.35	107	83082	27.19	ng	#	83
22) Acetophenone	9.16	105	198655	47.55	ng	#	72
24) Nitrobenzene	9.51	77	165776	50.36	ng	#	61
25) Isophorone	10.10	82	284619	48.27	ng	#	83
26) 2-Nitrophenol	10.24	139	62978	43.89	ng	#	23
27) 2,4-Dimethylphenol	10.53	122	103816	41.89	ng	#	75
28) bis(2-Chloroethoxy)methane	10.71	93	166966	49.02	ng	#	92
29) 2,4-Dichlorophenol	10.87	162	96443	44.88	ng		90
30) 1,2,4-Trichlorobenzene	10.97	180	109311	46.82	ng		96
31) Naphthalene	11.11	128	373297	45.77	ng		99
32) Benzoic acid	11.02	122	18731	12.57	ng	#	45
33) 4-Chloroaniline	11.36	127	76263	22.92	ng	#	81
34) Hexachlorobutadiene	11.46	225	66484	46.79	ng		100
35) Caprolactam	12.55	113	5686m	8.63	ng		
36) 4-Chloro-3-methylphenol	12.68	107	114874	47.76	ng	#	71
37) 2-Methylnaphthalene	12.77	142	260260	49.03	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	13.17	216	110799	49.79	ng		98
40) Hexachlorocyclopentadiene	13.15	237	81846	74.94	ng		95

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42) 2,4,6-Trichlorophenol	13.53	196	71777	46.74	ng		99
43) 2,4,5-Trichlorophenol	13.66	196	75045	47.90	ng	#	91
45) 1,1'-Biphenyl	13.91	154	316972	48.96	ng		96
46) 2-Chloronaphthalene	13.90	162	232762	49.79	ng	#	87
47) 2-Nitroaniline	14.27	65	103779	54.47	ng	#	58
48) Acenaphthylene	14.86	152	381050	45.94	ng		98
49) Dimethylphthalate	14.80	163	278376	50.92	ng	#	97
50) 2,6-Dinitrotoluene	14.91	165	57978	46.73	ng	#	45
51) Acenaphthene	15.28	154	224008	47.48	ng		92
52) 3-Nitroaniline	15.27	138	37118	26.28	ng	#	53
53) 2,4-Dinitrophenol	15.56	184	60777	94.61	ng	#	18
54) Dibenzofuran	15.71	168	345907	50.21	ng	#	84
55) 4-Nitrophenol	15.97	139	25484	28.72	ng	#	1
56) 2,4-Dinitrotoluene	15.85	165	79507	50.32	ng	#	44
57) Fluorene	16.52	166	273911	52.39	ng		95
58) 2,3,4,6-Tetrachlorophenol	16.08	232	57682m	48.22	ng		
59) Diethylphthalate	16.49	149	312114	54.27	ng		95
60) 4-Chlorophenyl-phenylether	16.61	204	132697	54.46	ng	#	86
61) 4-Nitroaniline	16.75	138	49810	34.90	ng	#	9
62) Azobenzene	16.97	77	345942	54.11	ng		81
64) 4,6-Dinitro-2-methylphenol	16.83	198	40266	50.16	ng		86
65) n-Nitrosodiphenylamine	16.94	169	231593	44.35	ng		91
66) 4-Bromophenyl-phenylether	17.75	248	71753	49.45	ng	#	89
67) Hexachlorobenzene	17.80	284	73925	48.72	ng	#	82
68) Atrazine	18.40	200	74357	49.20	ng		81
69) Pentachlorophenol	18.37	266	65950	88.27	ng		98
70) Phenanthrene	18.77	178	389150	48.78	ng		97
71) Anthracene	18.89	178	391611	47.78	ng		98
72) Carbazole	19.37	167	362419	47.12	ng		95
73) Di-n-butylphthalate	20.41	149	474167	52.20	ng	#	97
74) Fluoranthene	21.40	202	426741	49.41	ng		86
77) Pyrene	21.74	202	425562	53.44	ng		99
79) Butylbenzylphthalate	22.77	149	191658	55.34	ng	#	67
80) Benzo(a)anthracene	23.34	228	335499	49.00	ng		98
81) 3,3'-Dichlorobenzidine	23.36	252	14512	6.28	ng	#	95
82) Chrysene	23.39	228	317744	51.77	ng		97
83) Bis(2-ethylhexyl)phthalate	23.47	149	274772	60.12	ng	#	91
84) Di-n-octyl phthalate	24.12	149	395784	52.59	ng	#	93
85) Indeno(1,2,3-cd)pyrene	25.83	276	251681	55.89	ng	#	83
87) Benzo(b)fluoranthene	24.45	252	239809m	42.66	ng		
88) Benzo(k)fluoranthene	24.47	252	255952m	54.87	ng		
89) Benzo(a)pyrene	24.75	252	252831	53.08	ng	#	83
90) Dibenzo(a,h)anthracene	25.84	278	217410	59.07	ng	#	77
91) Benzo(g,h,i)perylene	26.13	276	203400	57.90	ng	#	75

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

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