Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081490.D
Acq On : 6 Sep 2015 4:37
Operator : UM/IZ
Sample : G3419-06MS
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HX2MS

Manual Integrations APPROVED
MMDadoda
9/8/2015 3:56:55 PM

Quant Time: Sep 08 11:11:05 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 04:41:53 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	59735	20.00	ng		-0.01
21) Naphthalene-d8	7.64	136	220114	20.00	ng		-0.01
38) Acenaphthene-d10	9.39	164	105541	20.00	ng		0.00
63) Phenanthrene-d10	10.86	188	200138	20.00	ng		0.00
75) Chrysene-d12	13.46	240	142381	20.00	ng		0.00
86) Perylene-d12	14.77	264	104561	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	244436	63.49	ng		0.01
7) Phenol-d6	6.03	99	205316	40.29	ng		0.00
23) Nitrobenzene-d5	6.95	82	467879	102.55	ng		0.00
41) 2,4,6-Tribromophenol	10.18	330	130558	138.93	ng		0.00
44) 2-Fluorobiphenyl	8.73	172	707713	85.93	ng		0.00
78) Terphenyl-d14	12.45	244	586718	95.92	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.72	88	26134	15.11	ng	#	68
3) Pyridine	2.30	79	35890	7.53	ng	#	85
4) n-Nitrosodimethylamine	2.22	42	47709	18.01	ng	#	72
6) Aniline	6.02	93	101654	14.13	ng	#	77
8) 2-Chlorophenol	6.15	128	147466	34.76	ng		95
9) Benzaldehyde	5.90	77	21515	6.74	ng	#	78
10) Phenol	6.04	94	76347	12.92	ng	#	61
11) bis(2-Chloroethyl)ether	6.11	93	197407	46.30	ng		95
12) 1,3-Dichlorobenzene	6.30	146	170846	37.69	ng	#	93
13) 1,4-Dichlorobenzene	6.38	146	176512	38.24	ng	#	89
14) 1,2-Dichlorobenzene	6.52	146	148083	35.63	ng	#	85
15) Benzyl Alcohol	6.52	79	110324	26.39	ng	#	71
16) 2,2'-oxybis(1-Chloropropan	6.67	45	367129	44.92	ng		81
17) 2-Methylphenol	6.66	107	102667	30.33	ng	#	71
18) Hexachloroethane	6.87	117	68057	37.90	ng		96
19) n-Nitroso-di-n-propylamine	6.81	70	155958	44.96	ng	#	86
20) 3+4-Methylphenols	6.82	107	116087	25.43	ng		87
22) Acetophenone	6.79	105	268714	44.70	ng	#	74
24) Nitrobenzene	6.96	77	210386	44.41	ng	#	61
25) Isophorone	7.21	82	376671	44.39	ng	#	88
26) 2-Nitrophenol	7.28	139	91512	44.32	ng	#	42
27) 2,4-Dimethylphenol	7.35	122	148899	41.75	ng	#	82
28) bis(2-Chloroethoxy)methane	7.43	93	215135	43.89	ng	#	91
29) 2,4-Dichlorophenol	7.53	162	134864	43.61	ng		92
30) 1,2,4-Trichlorobenzene	7.60	180	143419	42.69	ng		97
31) Naphthalene	7.67	128	462328	39.38	ng		98
32) Benzoic acid	7.47	122	29113	13.37	ng	#	51
33) 4-Chloroaniline	7.74	127	84919	17.74	ng	#	81
34) Hexachlorobutadiene	7.79	225	80893	39.56	ng		96
35) Caprolactam	8.16	113	8775m	9.25	ng		
36) 4-Chloro-3-methylphenol	8.24	107	139988	40.44	ng	#	73
37) 2-Methylnaphthalene	8.36	142	354362	46.39	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	142688	42.75	ng		98
40) Hexachlorocyclopentadiene	8.52	237	137602	84.00	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	88529	38.43	ng		99
43) 2,4,5-Trichlorophenol	8.71	196	102479	43.61	ng	#	89
45) 1,1'-Biphenyl	8.83	154	427983	44.08	ng		95
46) 2-Chloronaphthalene	8.84	162	265656	37.89	ng	#	87
47) 2-Nitroaniline	8.96	65	127865	44.74	ng	#	58
48) Acenaphthylene	9.26	152	507868	40.83	ng		97
49) Dimethylphthalate	9.15	163	381035	46.47	ng	#	97
50) 2,6-Dinitrotoluene	9.21	165	83794	45.02	ng	#	64
51) Acenaphthene	9.43	154	321304	45.40	ng		91
52) 3-Nitroaniline	9.37	138	54442	25.70	ng	#	49
53) 2,4-Dinitrophenol	9.48	184	85165	108.64	ng	#	39
54) Dibenzofuran	9.60	168	459115	44.43	ng	#	85
55) 4-Nitrophenol	9.58	139	33264m	24.99	ng		
56) 2,4-Dinitrotoluene	9.61	165	113117	47.73	ng	#	92
57) Fluorene	9.93	166	345881	44.11	ng		96
58) 2,3,4,6-Tetrachlorophenol	9.72	232	77938	43.44	ng	#	87
59) Diethylphthalate	9.84	149	357977	41.50	ng		95
60) 4-Chlorophenyl-phenylether	9.94	204	173706	47.53	ng		95
61) 4-Nitroaniline	9.98	138	69433	32.44	ng	#	18
62) Azobenzene	10.09	77	390468	40.72	ng	#	79
64) 4,6-Dinitro-2-methylphenol	10.01	198	51266	45.80	ng	#	76
65) n-Nitrosodiphenylamine	10.07	169	317391	43.58	ng		92
66) 4-Bromophenyl-phenylether	10.42	248	94029	46.46	ng		94
67) Hexachlorobenzene	10.48	284	95981	45.36	ng	#	85
68) Atrazine	10.62	200	84154	39.93	ng		82
69) Pentachlorophenol	10.68	266	107639	101.82	ng		99
70) Phenanthrene	10.88	178	431621	38.79	ng		97
71) Anthracene	10.94	178	516027	45.14	ng		98
72) Carbazole	11.10	167	407971	38.03	ng	#	95
73) Di-n-butylphthalate	11.45	149	573850	45.30	ng	#	98
74) Fluoranthene	12.06	202	547567	45.46	ng		85
77) Pyrene	12.27	202	504244	47.81	ng		98
79) Butylbenzylphthalate	12.93	149	242830	52.94	ng	#	83
80) Benzo(a)anthracene	13.45	228	402488	44.39	ng		98
81) 3,3'-Dichlorobenzidine	13.43	252	56317	18.41	ng	#	97
82) Chrysene	13.49	228	346755	42.66	ng		95
83) Bis(2-ethylhexyl)phthalate	13.49	149	308965	51.04	ng	#	88
84) Di-n-octyl phthalate	14.09	149	468966	47.05	ng		97
85) Indeno(1,2,3-cd)pyrene	15.85	276	300362	50.37	ng	#	84
87) Benzo(b)fluoranthene	14.45	252	340116m	45.56	ng		
88) Benzo(k)fluoranthene	14.47	252	261119m	42.16	ng		
89) Benzo(a)pyrene	14.72	252	271277	42.88	ng	#	88
90) Dibenzo(a,h)anthracene	15.86	278	253085	51.78	ng	#	75
91) Benzo(g,h,i)perylene	16.16	276	257307	55.15	ng	#	76

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

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