Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081349.D
Acq On : 2 Sep 2015 15:29
Operator : UM/IZ
Sample : G3480-19MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COFF-2-20(0-2)MSD

Manual Integrations APPROVED
MMDadoda
9/3/2015 1:43:52 PM

Quant Time: Sep 02 23:58:40 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 22:52:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	60440	20.00	ng		0.00
21) Naphthalene-d8	7.68	136	230682	20.00	ng		0.00
38) Acenaphthene-d10	9.42	164	103338	20.00	ng		0.00
63) Phenanthrene-d10	10.88	188	200891	20.00	ng		0.00
75) Chrysene-d12	13.50	240	159064	20.00	ng		0.00
86) Perylene-d12	14.80	264	110730	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.94	112	366706	94.13	ng		0.01
7) Phenol-d6	6.06	99	507049	98.33	ng		0.00
23) Nitrobenzene-d5	6.97	82	333876	69.83	ng		0.00
41) 2,4,6-Tribromophenol	10.20	330	98197	106.72	ng		0.00
44) 2-Fluorobiphenyl	8.76	172	545573	67.66	ng		0.00
78) Terphenyl-d14	12.47	244	474254	69.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.76	88	35440	20.26	ng	#	94
4) n-Nitrosodimethylamine	2.26	42	74549	27.82	ng	#	77
6) Aniline	6.04	93	89724	12.32	ng	#	55
8) 2-Chlorophenol	6.17	128	136207	31.73	ng		86
9) Benzaldehyde	5.92	77	22540	6.98	ng	#	72
10) Phenol	6.07	94	207854	34.76	ng	#	59
11) bis(2-Chloroethyl)ether	6.14	93	129934	30.12	ng		85
12) 1,3-Dichlorobenzene	6.32	146	122539	26.72	ng	#	86
13) 1,4-Dichlorobenzene	6.41	146	127174	27.23	ng	#	95
14) 1,2-Dichlorobenzene	6.56	146	129876m	30.89	ng		
15) Benzyl Alcohol	6.56	79	132973	31.44	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	6.70	45	266719	32.25	ng		92
17) 2-Methylphenol	6.68	107	113275	33.07	ng	#	79
18) Hexachloroethane	6.90	117	51526	28.36	ng	#	83
19) n-Nitroso-di-n-propylamine	6.83	70	114203	32.54	ng	#	84
20) 3+4-Methylphenols	6.84	107	148696	32.20	ng		87
22) Acetophenone	6.82	105	207060	32.86	ng	#	82
24) Nitrobenzene	6.98	77	140976	28.39	ng	#	59
25) Isophorone	7.23	82	278860	31.36	ng	#	85
26) 2-Nitrophenol	7.30	139	64261	29.69	ng	#	27
27) 2,4-Dimethylphenol	7.37	122	122144	32.68	ng	#	81
28) bis(2-Chloroethoxy)methane	7.46	93	173628	33.80	ng	#	93
29) 2,4-Dichlorophenol	7.55	162	109725	33.85	ng		96
30) 1,2,4-Trichlorobenzene	7.62	180	105390	29.93	ng	#	97
31) Naphthalene	7.70	128	403442	32.79	ng		98
32) Benzoic acid	7.48	122	30390	13.33	ng	#	56
33) 4-Chloroaniline	7.76	127	103549	20.64	ng	#	76
34) Hexachlorobutadiene	7.83	225	64483	30.09	ng		97
35) Caprolactam	8.14	113	29079m	29.25	ng		
36) 4-Chloro-3-methylphenol	8.26	107	124045	34.19	ng	#	72
37) 2-Methylnaphthalene	8.39	142	230706	28.82	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	111105	34.00	ng		98
40) Hexachlorocyclopentadiene	8.55	237	103124	64.30	ng		96
42) 2,4,6-Trichlorophenol	8.67	196	68650	30.44	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.72	196	73968	32.15	ng	#	87
45) 1,1'-Biphenyl	8.86	154	311685	32.78	ng		95
46) 2-Chloronaphthalene	8.87	162	214330	31.22	ng	#	84
47) 2-Nitroaniline	8.98	65	103727	37.07	ng	#	67
48) Acenaphthylene	9.28	152	360396	29.59	ng		97
49) Dimethylphthalate	9.18	163	397739	49.54	ng	#	97
50) 2,6-Dinitrotoluene	9.23	165	60239	33.06	ng	#	91
51) Acenaphthene	9.45	154	208549	30.10	ng		89
52) 3-Nitroaniline	9.39	138	63331	30.53	ng	#	68
53) 2,4-Dinitrophenol	9.50	184	38605	50.30	ng	#	13
54) Dibenzofuran	9.62	168	318257	31.46	ng	#	83
55) 4-Nitrophenol	9.58	139	81438	62.49	ng	#	1
56) 2,4-Dinitrotoluene	9.62	165	68683	29.60	ng	#	1
57) Fluorene	9.96	166	274538	35.76	ng		95
58) 2,3,4,6-Tetrachlorophenol	9.75	232	61521	35.02	ng	#	88
59) Diethylphthalate	9.87	149	274086	32.45	ng		100
60) 4-Chlorophenyl-phenylether	9.96	204	124377	34.76	ng	#	86
61) 4-Nitroaniline	10.00	138	63170	30.14	ng	#	23
62) Azobenzene	10.12	77	332635	35.43	ng		88
64) 4,6-Dinitro-2-methylphenol	10.03	198	35694	31.77	ng	#	77
65) n-Nitrosodiphenylamine	10.09	169	245577	33.59	ng		92
66) 4-Bromophenyl-phenylether	10.44	248	63088	31.06	ng	#	81
67) Hexachlorobenzene	10.50	284	70569	33.23	ng	#	91
68) Atrazine	10.63	200	63113	29.84	ng		83
69) Pentachlorophenol	10.71	266	70197	69.22	ng		98
70) Phenanthrene	10.91	178	344111	30.81	ng		98
71) Anthracene	10.96	178	371413	32.37	ng		98
72) Carbazole	11.12	167	322643	29.96	ng		96
73) Di-n-butylphthalate	11.47	149	397978	31.30	ng	#	97
74) Fluoranthene	12.09	202	363132	30.03	ng		83
77) Pyrene	12.30	202	372014	31.57	ng		98
79) Butylbenzylphthalate	12.95	149	160411	31.30	ng	#	68
80) Benzo(a)anthracene	13.49	228	303877	30.00	ng		97
81) 3,3'-Dichlorobenzidine	13.46	252	83330	24.39	ng	#	94
82) Chrysene	13.52	228	296395	32.64	ng		96
83) Bis(2-ethylhexyl)phthalate	13.52	149	222905	32.96	ng	#	90
84) Di-n-octyl phthalate	14.13	149	358086	32.16	ng		96
85) Indeno(1,2,3-cd)pyrene	15.89	276	185389	27.83	ng	#	86
87) Benzo(b)fluoranthene	14.47	252	213343m	26.99	ng		
88) Benzo(k)fluoranthene	14.49	252	210782m	32.13	ng		
89) Benzo(a)pyrene	14.75	252	207649	31.00	ng	#	84
90) Dibenzo(a,h)anthracene	15.90	278	158899	30.70	ng	#	81
91) Benzo(g,h,i)perylene	16.21	276	149976	30.36	ng	#	74

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

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