Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090215\
Data File : BF081348.D
Acq On : 2 Sep 2015 14:58
Operator : UM/IZ
Sample : G3480-19MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations APPROVED
MMDadoda
9/3/2015 1:43:47 PM

Quant Time: Sep 02 23:55:32 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	63347	20.00	ng		0.00
21) Naphthalene-d8	7.68	136	242428	20.00	ng		0.00
38) Acenaphthene-d10	9.42	164	107755	20.00	ng		0.00
63) Phenanthrene-d10	10.88	188	212978	20.00	ng		0.00
75) Chrysene-d12	13.50	240	162508	20.00	ng		0.00
86) Perylene-d12	14.80	264	116229	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.94	112	317465	77.75	ng		0.01
7) Phenol-d6	6.06	99	501164	92.73	ng		0.00
23) Nitrobenzene-d5	6.97	82	309626	61.62	ng		0.00
41) 2,4,6-Tribromophenol	10.20	330	96785	100.88	ng		0.00
44) 2-Fluorobiphenyl	8.76	172	504532	60.00	ng		0.00
78) Terphenyl-d14	12.47	244	434328	62.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.79	88	37035	20.20	ng	#	86
4) n-Nitrosodimethylamine	2.30	42	72099	25.67	ng	#	78
6) Aniline	6.06	93	20237	2.65	ng	#	1
8) 2-Chlorophenol	6.17	128	124352	27.64	ng		87
9) Benzaldehyde	5.92	77	22219	6.56	ng	#	71
10) Phenol	6.07	94	178837	28.53	ng	#	67
11) bis(2-Chloroethyl)ether	6.14	93	115980	25.65	ng		86
12) 1,3-Dichlorobenzene	6.32	146	116890	24.32	ng	#	86
13) 1,4-Dichlorobenzene	6.40	146	116270	23.76	ng	#	86
14) 1,2-Dichlorobenzene	6.56	146	118816	26.96	ng	#	92
15) Benzyl Alcohol	6.55	79	121772	27.47	ng	#	68
16) 2,2'-oxybis(1-Chloropropan	6.70	45	250688	28.92	ng		92
17) 2-Methylphenol	6.68	107	101967	28.40	ng	#	78
18) Hexachloroethane	6.90	117	49578	26.04	ng	#	83
19) n-Nitroso-di-n-propylamine	6.83	70	98408	26.75	ng	#	82
20) 3+4-Methylphenols	6.84	107	137031	28.31	ng		88
22) Acetophenone	6.81	105	184465	27.86	ng	#	73
24) Nitrobenzene	6.98	77	137586	26.37	ng	#	63
25) Isophorone	7.23	82	255635	27.35	ng	#	86
26) 2-Nitrophenol	7.30	139	61370	26.98	ng	#	36
27) 2,4-Dimethylphenol	7.37	122	107685	27.41	ng	#	84
28) bis(2-Chloroethoxy)methane	7.46	93	147538	27.33	ng	#	94
29) 2,4-Dichlorophenol	7.55	162	100229	29.42	ng		96
30) 1,2,4-Trichlorobenzene	7.62	180	96633	26.11	ng	#	97
31) Naphthalene	7.70	128	371859	28.76	ng		99
32) Benzoic acid	7.46	122	8277	5.34	ng	#	49
33) 4-Chloroaniline	7.76	127	42135	7.99	ng	#	74
34) Hexachlorobutadiene	7.83	225	62308	27.67	ng		98
35) Caprolactam	8.18	113	10980	10.51	ng	#	36
36) 4-Chloro-3-methylphenol	8.26	107	119208	31.27	ng	#	82
37) 2-Methylnaphthalene	8.39	142	218816	26.01	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	103014	30.23	ng		98
40) Hexachlorocyclopentadiene	8.55	237	90956	54.39	ng		96
42) 2,4,6-Trichlorophenol	8.67	196	64875	27.58	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.72	196	69117	28.81	ng	#	93
45) 1,1'-Biphenyl	8.86	154	293708	29.63	ng		97
46) 2-Chloronaphthalene	8.87	162	192201	26.85	ng	#	85
47) 2-Nitroaniline	8.98	65	95191	32.62	ng	#	72
48) Acenaphthylene	9.28	152	342880	27.00	ng		97
49) Dimethylphthalate	9.18	163	335285	40.05	ng	#	97
50) 2,6-Dinitrotoluene	9.23	165	50979	26.83	ng		94
51) Acenaphthene	9.45	154	199186	27.57	ng		89
52) 3-Nitroaniline	9.39	138	49947	23.09	ng	#	82
53) 2,4-Dinitrophenol	9.50	184	24734	30.90	ng	#	15
54) Dibenzofuran	9.62	168	310179	29.40	ng	#	85
55) 4-Nitrophenol	9.58	139	89076	65.54	ng	#	21
56) 2,4-Dinitrotoluene	9.62	165	65067	26.89	ng	#	2
57) Fluorene	9.96	166	245532	30.67	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.75	232	56588	30.89	ng	#	90
59) Diethylphthalate	9.86	149	252638	28.69	ng		93
60) 4-Chlorophenyl-phenylether	9.96	204	116081	31.11	ng	#	85
61) 4-Nitroaniline	10.00	138	63300	28.96	ng	#	39
62) Azobenzene	10.12	77	308334	31.49	ng		91
64) 4,6-Dinitro-2-methylphenol	10.03	198	25775	21.64	ng	#	74
65) n-Nitrosodiphenylamine	10.09	169	221112	28.53	ng		91
66) 4-Bromophenyl-phenylether	10.44	248	60005	27.86	ng	#	82
67) Hexachlorobenzene	10.50	284	64724	28.75	ng	#	90
68) Atrazine	10.63	200	48403	21.58	ng		84
69) Pentachlorophenol	10.71	266	60351	57.78	ng		98
70) Phenanthrene	10.90	178	328187	27.72	ng		98
71) Anthracene	10.96	178	355720	29.24	ng		98
72) Carbazole	11.12	167	302779	26.52	ng		95
73) Di-n-butylphthalate	11.47	149	369984	27.45	ng	#	98
74) Fluoranthene	12.08	202	334218	26.07	ng		93
77) Pyrene	12.30	202	361666	30.04	ng		98
79) Butylbenzylphthalate	12.95	149	149371	28.53	ng	#	69
80) Benzo(a)anthracene	13.49	228	278781	26.94	ng		97
81) 3,3'-Dichlorobenzidine	13.46	252	57655	16.52	ng	#	92
82) Chrysene	13.52	228	273709	29.50	ng		96
83) Bis(2-ethylhexyl)phthalate	13.52	149	208768	30.22	ng	#	90
84) Di-n-octyl phthalate	14.13	149	331888	29.17	ng		95
85) Indeno(1,2,3-cd)pyrene	15.89	276	171261	25.16	ng	#	87
87) Benzo(b)fluoranthene	14.47	252	199184m	24.00	ng		
88) Benzo(k)fluoranthene	14.49	252	198543m	28.84	ng		
89) Benzo(a)pyrene	14.75	252	198829	28.28	ng	#	84
90) Dibenzo(a,h)anthracene	15.90	278	145725	26.82	ng	#	80
91) Benzo(g,h,i)perylene	16.21	276	138881	26.78	ng	#	74

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

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