Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081410.D
Acq On : 4 Sep 2015 8:55
Operator : UM/IZ
Sample : G3505-02MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P005-BF001-01MS

Manual Integrations APPROVED
MMDadoda
9/4/2015 2:51:50 PM

Quant Time: Sep 04 11:49:17 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	6.36	152	53725	20.00	ng		-0.02
21) Naphthalene-d8	7.66	136	204069	20.00	ng		-0.02
38) Acenaphthene-d10	9.40	164	97558	20.00	ng		-0.01
63) Phenanthrene-d10	10.87	188	182738	20.00	ng		-0.01
75) Chrysene-d12	13.47	240	116275	20.00	ng		-0.02
86) Perylene-d12	14.78	264	89946	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.92	112	474184	136.94	ng		0.00
7) Phenol-d6	6.04	99	639189	139.45	ng		-0.01
23) Nitrobenzene-d5	6.95	82	403901	95.49	ng		-0.02
41) 2,4,6-Tribromophenol	10.19	330	138384	159.31	ng		-0.01
44) 2-Fluorobiphenyl	8.74	172	656152	86.19	ng		-0.02
78) Terphenyl-d14	12.45	244	553668	110.84	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.75	88	49536	31.85	ng	#	90
4) n-Nitrosodimethylamine	2.25	42	92318	38.75	ng	#	77
6) Aniline	6.03	93	58572	9.05	ng	#	49
8) 2-Chlorophenol	6.16	128	153969	40.35	ng		94
9) Benzaldehyde	5.91	77	21825	7.60	ng	#	86
10) Phenol	6.06	94	192283	36.17	ng	#	49
11) bis(2-Chloroethyl)ether	6.12	93	161769	42.18	ng		91
12) 1,3-Dichlorobenzene	6.31	146	162380	39.83	ng	#	93
13) 1,4-Dichlorobenzene	6.39	146	171001	41.19	ng	#	90
14) 1,2-Dichlorobenzene	6.54	146	139321	37.28	ng	#	88
15) Benzyl Alcohol	6.54	79	146046	38.84	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	6.67	45	295097	40.14	ng	#	14
17) 2-Methylphenol	6.67	107	129024	42.38	ng	#	76
18) Hexachloroethane	6.88	117	64250	39.78	ng		91
19) n-Nitroso-di-n-propylamine	6.81	70	119523	38.31	ng	#	86
20) 3+4-Methylphenols	6.83	107	168012	40.93	ng		89
22) Acetophenone	6.80	105	235008	42.16	ng	#	79
24) Nitrobenzene	6.97	77	203597	46.35	ng	#	68
25) Isophorone	7.21	82	307646	39.10	ng	#	83
26) 2-Nitrophenol	7.29	139	80131	41.86	ng	#	72
27) 2,4-Dimethylphenol	7.35	122	113317	34.27	ng	#	73
28) bis(2-Chloroethoxy)methane	7.44	93	191073	42.05	ng	#	92
29) 2,4-Dichlorophenol	7.54	162	117533	40.99	ng		99
30) 1,2,4-Trichlorobenzene	7.61	180	138315	44.40	ng		98
31) Naphthalene	7.68	128	433961	39.87	ng		98
32) Benzoic acid	7.44	122	5259	4.65	ng	#	62
33) 4-Chloroaniline	7.75	127	50659	11.41	ng	#	87
34) Hexachlorobutadiene	7.80	225	76518	40.36	ng		98
35) Caprolactam	8.12	113	25022m	28.45	ng		
36) 4-Chloro-3-methylphenol	8.25	107	131329	40.92	ng	#	71
37) 2-Methylnaphthalene	8.38	142	307513	43.42	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	114713	37.18	ng		98
40) Hexachlorocyclopentadiene	8.52	237	93232	61.57	ng		93
42) 2,4,6-Trichlorophenol	8.66	196	83464	39.20	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.71	196	83181	38.29	ng	#	84
45) 1,1'-Biphenyl	8.84	154	342694	38.18	ng		95
46) 2-Chloronaphthalene	8.86	162	256791	39.62	ng	#	89
47) 2-Nitroaniline	8.97	65	105775	40.04	ng		84
48) Acenaphthylene	9.27	152	424579	36.92	ng		97
49) Dimethylphthalate	9.16	163	431324	56.90	ng	#	96
50) 2,6-Dinitrotoluene	9.21	165	57677	33.53	ng	#	15
51) Acenaphthene	9.44	154	264707	40.47	ng		90
52) 3-Nitroaniline	9.37	138	50049	25.55	ng	#	31
53) 2,4-Dinitrophenol	9.48	184	28428	39.23	ng	#	32
54) Dibenzofuran	9.61	168	380556	39.84	ng		93
55) 4-Nitrophenol	9.58	139	100776	81.90	ng	#	57
56) 2,4-Dinitrotoluene	9.61	165	79914	36.48	ng	#	32
57) Fluorene	9.94	166	273118	37.68	ng		96
58) 2,3,4,6-Tetrachlorophenol	9.74	232	70518	42.52	ng		95
59) Diethylphthalate	9.85	149	296067	37.13	ng		94
60) 4-Chlorophenyl-phenylether	9.95	204	138747	41.07	ng		94
61) 4-Nitroaniline	9.99	138	72978	36.88	ng	#	36
62) Azobenzene	10.10	77	332417	37.50	ng	#	81
64) 4,6-Dinitro-2-methylphenol	10.02	198	34782	34.03	ng	#	69
65) n-Nitrosodiphenylamine	10.07	169	240694	36.20	ng		93
66) 4-Bromophenyl-phenylether	10.43	248	79956	43.27	ng		92
67) Hexachlorobenzene	10.49	284	76196	39.44	ng	#	77
68) Atrazine	10.62	200	76395	39.70	ng		82
69) Pentachlorophenol	10.69	266	72463	77.37	ng		99
70) Phenanthrene	10.89	178	419735	41.32	ng		97
71) Anthracene	10.94	178	400875	38.41	ng		98
72) Carbazole	11.11	167	405499	41.40	ng		97
73) Di-n-butylphthalate	11.46	149	491098	42.46	ng	#	99
74) Fluoranthene	12.06	202	416574	37.88	ng		92
77) Pyrene	12.29	202	469247	54.48	ng		98
79) Butylbenzylphthalate	12.94	149	190429	50.84	ng		93
80) Benzo(a)anthracene	13.46	228	308300	41.64	ng		96
81) 3,3'-Dichlorobenzidine	13.44	252	47147	18.88	ng	#	95
82) Chrysene	13.50	228	238616	35.95	ng		96
83) Bis(2-ethylhexyl)phthalate	13.50	149	219037	44.31	ng	#	88
84) Di-n-octyl phthalate	14.10	149	307731	37.81	ng		95
85) Indeno(1,2,3-cd)pyrene	15.86	276	247547	50.83	ng	#	87
87) Benzo(b)fluoranthene	14.46	252	304389m	47.40	ng		
88) Benzo(k)fluoranthene	14.48	252	171421m	32.17	ng		
89) Benzo(a)pyrene	14.73	252	226482	41.62	ng	#	87
90) Dibenzo(a,h)anthracene	15.87	278	203436	48.38	ng	#	80
91) Benzo(g,h,i)perylene	16.18	276	210801	52.53	ng	#	74

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

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