Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082181.D
Acq On : 10 Oct 2015 17:37
Operator : UM/IZ
Sample : G3974-03MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP222BR-35-37MS

Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:08 PM

Quant Time: Oct 12 02:35:44 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 01:46:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	81089	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	325305	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	164625	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	312186	20.00	ng		0.00
75) Chrysene-d12	14.01	240	286329	20.00	ng		0.00
86) Perylene-d12	15.44	264	231150	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	568844	141.58	ng		0.01
7) Phenol-d6	6.48	99	757564	144.89	ng		0.00
23) Nitrobenzene-d5	7.41	82	496712	102.54	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	213612	138.36	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	926074	93.29	ng		0.00
78) Terphenyl-d14	12.96	244	901037	83.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	79881	39.57	ng		99
3) Pyridine	3.21	79	221989	47.28	ng		97
4) n-Nitrosodimethylamine	3.18	42	92402	46.40	ng		96
6) Aniline	6.50	93	136728	20.28	ng	#	85
8) 2-Chlorophenol	6.63	128	230998	47.10	ng		97
9) Benzaldehyde	6.39	77	153209	57.38	ng		96
10) Phenol	6.49	94	287000	47.61	ng		95
11) bis(2-Chloroethyl)ether	6.58	93	243028	47.67	ng		99
12) 1,3-Dichlorobenzene	6.78	146	261677	45.81	ng		99
13) 1,4-Dichlorobenzene	6.86	146	276073	46.28	ng		98
14) 1,2-Dichlorobenzene	7.01	146	249439	44.04	ng		97
15) Benzyl Alcohol	6.99	79	179660	49.77	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.12	45	324274	45.68	ng		99
17) 2-Methylphenol	7.10	107	184323	47.52	ng		99
18) Hexachloroethane	7.35	117	91818	44.97	ng		94
19) n-Nitroso-di-n-propylamine	7.26	70	156153	42.53	ng	#	85
20) 3+4-Methylphenols	7.26	107	229950	49.75	ng		96
22) Acetophenone	7.26	105	316454	49.18	ng	#	97
24) Nitrobenzene	7.43	77	234421	44.71	ng		95
25) Isophorone	7.67	82	455398	46.58	ng		97
26) 2-Nitrophenol	7.75	139	135409	51.72	ng		97
27) 2,4-Dimethylphenol	7.78	122	205547	48.73	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	288446	50.71	ng		99
29) 2,4-Dichlorophenol	7.99	162	225302	53.43	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	226898	46.68	ng		100
31) Naphthalene	8.15	128	742232	52.64	ng		99
32) Benzoic acid	7.86	122	15325	5.41	ng		88
33) 4-Chloroaniline	8.21	127	56416	9.63	ng		99
34) Hexachlorobutadiene	8.26	225	141838	46.83	ng		97
35) Caprolactam	8.58	113	61876m	50.56	ng		
36) 4-Chloro-3-methylphenol	8.70	107	224588	54.47	ng		89
37) 2-Methylnaphthalene	8.85	142	508804	52.05	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	221333	45.20	ng		99
40) Hexachlorocyclopentadiene	8.99	237	211162	84.68	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	146930	45.18	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	174942	49.66	ng		97
45) 1,1'-Biphenyl	9.30	154	551314	43.92	ng		99
46) 2-Chloronaphthalene	9.34	162	453845	45.92	ng		100
47) 2-Nitroaniline	9.43	65	126667	46.69	ng		99
48) Acenaphthylene	9.75	152	726774	47.21	ng		100
49) Dimethylphthalate	9.61	163	696988	60.12	ng		100
50) 2,6-Dinitrotoluene	9.68	165	126536	51.73	ng		98
51) Acenaphthene	9.92	154	429369	46.46	ng		100
52) 3-Nitroaniline	9.85	138	51052	18.48	ng		96
53) 2,4-Dinitrophenol	9.95	184	61108	47.53	ng		99
54) Dibenzofuran	10.09	168	621242	48.96	ng		100
55) 4-Nitrophenol	10.01	139	159314	82.42	ng		86
56) 2,4-Dinitrotoluene	10.08	165	148515	48.58	ng		95
57) Fluorene	10.43	166	515843	49.50	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	131768	45.78	ng		98
59) Diethylphthalate	10.31	149	505087	46.74	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	220139	46.11	ng		99
61) 4-Nitroaniline	10.47	138	119489	44.59	ng		99
62) Azobenzene	10.58	77	492705	46.59	ng		99
64) 4,6-Dinitro-2-methylphenol	10.49	198	84772	48.39	ng		95
65) n-Nitrosodiphenylamine	10.55	169	436444	46.69	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	148248	47.45	ng		97
67) Hexachlorobenzene	10.98	284	153547	45.44	ng		98
68) Atrazine	11.07	200	129901	43.87	ng		99
69) Pentachlorophenol	11.18	266	178433	102.62	ng		95
70) Phenanthrene	11.39	178	732109	47.84	ng		100
71) Anthracene	11.45	178	814830	51.68	ng		100
72) Carbazole	11.60	167	670586	46.62	ng		100
73) Di-n-butylphthalate	11.93	149	823115	46.39	ng		100
74) Fluoranthene	12.58	202	783678	47.68	ng		99
76) Benzidine	12.71	184	313690	37.80	ng		98
77) Pyrene	12.81	202	788263	46.39	ng		99
79) Butylbenzylphthalate	13.43	149	329371	42.47	ng		96
80) Benzo(a)anthracene	14.00	228	687611	46.16	ng		100
81) 3,3'-Dichlorobenzidine	13.97	252	117704	20.81	ng	#	98
82) Chrysene	14.04	228	603042	38.42	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	510542	46.15	ng		100
84) Di-n-octyl phthalate	14.60	149	826951	43.52	ng		99
85) Indeno(1,2,3-cd)pyrene	16.86	276	547307	43.87	ng		100
87) Benzo(b)fluoranthene	15.03	252	705984m	50.20	ng		
88) Benzo(k)fluoranthene	15.06	252	482497m	40.82	ng		
89) Benzo(a)pyrene	15.38	252	566674	46.89	ng		99
90) Dibenzo(a,h)anthracene	16.87	278	459636	46.41	ng		100
91) Benzo(g,h,i)perylene	17.28	276	445038	46.25	ng		99

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

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