Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082908.D
Acq On : 13 Nov 2015 20:27
Operator : UM/IZ
Sample : G4370-05MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-TS003-02MS

Manual Integrations APPROVED
Mmdadoda
11/16/2015 12:44:02 PM

Quant Time: Nov 14 05:36:29 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	269323	20.00	ng		-0.05
21) Naphthalene-d8	8.10	136	996849	20.00	ng		-0.05
38) Acenaphthene-d10	9.85	164	464831	20.00	ng		-0.05
63) Phenanthrene-d10	11.33	188	834319	20.00	ng		-0.05
75) Chrysene-d12	13.97	240	524344	20.00	ng		-0.05
86) Perylene-d12	15.39	264	610494	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	2375912	137.26	ng		-0.01
7) Phenol-d6	6.48	99	3129447	135.99	ng		0.00
23) Nitrobenzene-d5	7.38	82	2071252	90.41	ng		-0.03
41) 2,4,6-Tribromophenol	10.65	330	648325	121.64	ng		-0.03
44) 2-Fluorobiphenyl	9.17	172	2430347	74.94	ng		-0.05
78) Terphenyl-d14	12.92	244	1868879	84.54	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	157624	21.10	ng		97
3) Pyridine	3.14	79	485087	22.38	ng		95
4) n-Nitrosodimethylamine	3.06	42	227610	21.18	ng	#	72
6) Aniline	6.51	93	193934m	6.00	ng		
8) 2-Chlorophenol	6.60	128	481539	25.10	ng		94
9) Benzaldehyde	6.34	77	34214	2.69	ng		94
10) Phenol	6.49	94	489267	18.74	ng	#	71
11) bis(2-Chloroethyl)ether	6.54	93	597974m	30.62	ng		
12) 1,3-Dichlorobenzene	6.75	146	474717m	21.94	ng		
13) 1,4-Dichlorobenzene	6.82	146	459578	20.41	ng		97
14) 1,2-Dichlorobenzene	6.98	146	482943	23.59	ng		99
15) Benzyl Alcohol	6.96	79	414629	20.52	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	716391	25.01	ng		62
17) 2-Methylphenol	7.08	107	356082	21.91	ng	#	91
18) Hexachloroethane	7.32	117	115400	14.33	ng		91
19) n-Nitroso-di-n-propylamine	7.23	70	351162	20.76	ng		89
20) 3+4-Methylphenols	7.24	107	498780	23.60	ng	#	59
22) Acetophenone	7.22	105	677792	23.73	ng	#	95
24) Nitrobenzene	7.39	77	500613	21.37	ng		91
25) Isophorone	7.63	82	859536	20.28	ng	#	97
26) 2-Nitrophenol	7.71	139	244290	24.98	ng	#	64
27) 2,4-Dimethylphenol	7.77	122	408181	23.23	ng		87
28) bis(2-Chloroethoxy)methane	7.85	93	616491	25.78	ng		98
29) 2,4-Dichlorophenol	7.96	162	383053	24.12	ng		93
30) 1,2,4-Trichlorobenzene	8.04	180	390851	21.89	ng	#	92
31) Naphthalene	8.11	128	1152998	20.96	ng		99
32) Benzoic acid	7.86	122	93835	7.80	ng	#	84
33) 4-Chloroaniline	8.18	127	138406	5.84	ng	#	85
34) Hexachlorobutadiene	8.24	225	219350	19.63	ng		99
35) Caprolactam	8.53	113	121545	24.28	ng	#	87
36) 4-Chloro-3-methylphenol	8.67	107	414794	22.21	ng	#	82
37) 2-Methylnaphthalene	8.81	142	793690	22.31	ng		94
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	390051	25.53	ng		97
40) Hexachlorocyclopentadiene	8.97	237	20628	2.51	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	247448	21.70	ng		99
43) 2,4,5-Trichlorophenol	9.14	196	259789	23.04	ng		96
45) 1,1'-Biphenyl	9.28	154	1004458	25.18	ng		98
46) 2-Chloronaphthalene	9.30	162	778062	25.01	ng		97
47) 2-Nitroaniline	9.39	65	255437	22.13	ng	#	84
48) Acenaphthylene	9.71	152	1178904	24.18	ng		99
49) Dimethylphthalate	9.57	163	1227667	32.24	ng		100
50) 2,6-Dinitrotoluene	9.63	165	177031	21.79	ng		89
51) Acenaphthene	9.88	154	713336	23.08	ng		99
52) 3-Nitroaniline	9.80	138	104888	11.74	ng	#	70
53) 2,4-Dinitrophenol	9.90	184	71871	16.11	ng	#	18
54) Dibenzofuran	10.05	168	981938	23.57	ng		92
55) 4-Nitrophenol	9.98	139	284275	41.46	ng		85
56) 2,4-Dinitrotoluene	10.03	165	247201	22.42	ng		93
57) Fluorene	10.40	166	803626	23.82	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.18	232	222949	24.22	ng	#	87
59) Diethylphthalate	10.28	149	922702	24.81	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	348949	20.67	ng	#	89
61) 4-Nitroaniline	10.42	138	171929	19.13	ng	#	63
62) Azobenzene	10.54	77	924305	23.14	ng		90
64) 4,6-Dinitro-2-methylphenol	10.44	198	74595	12.55	ng	#	60
65) n-Nitrosodiphenylamine	10.51	169	676491	22.44	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	210498	20.95	ng	#	75
67) Hexachlorobenzene	10.94	284	223762	19.95	ng	#	84
68) Atrazine	11.05	200	241227	25.88	ng		92
69) Pentachlorophenol	11.15	266	243321	35.72	ng		98
70) Phenanthrene	11.36	178	1117996	23.07	ng		99
71) Anthracene	11.40	178	1047420	20.52	ng		97
72) Carbazole	11.56	167	895123	20.04	ng		98
73) Di-n-butylphthalate	11.91	149	1285748	23.10	ng	#	97
74) Fluoranthene	12.55	202	979276	18.83	ng		95
76) Benzidine	12.66	184	141547	8.05	ng	#	94
77) Pyrene	12.77	202	920393	25.56	ng		96
79) Butylbenzylphthalate	13.40	149	406074	25.53	ng	#	72
80) Benzo(a)anthracene	13.96	228	759781	23.17	ng		97
81) 3,3'-Dichlorobenzidine	13.92	252	149403	12.82	ng	#	97
82) Chrysene	14.00	228	755012	25.14	ng		98
83) Bis(2-ethylhexyl)phthalate	13.96	149	552635	25.38	ng		99
84) Di-n-octyl phthalate	14.58	149	1007940	27.75	ng		96
85) Indeno(1,2,3-cd)pyrene	16.76	276	758532	29.33	ng	#	95
87) Benzo(b)fluoranthene	14.99	252	912744m	23.29	ng		
88) Benzo(k)fluoranthene	15.01	252	580704m	16.70	ng		
89) Benzo(a)pyrene	15.33	252	745606	21.96	ng		99
90) Dibenzo(a,h)anthracene	16.77	278	625689	21.76	ng	#	96
91) Benzo(g,h,i)perylene	17.17	276	596540	21.66	ng		96

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

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