Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
Data File : BF082553.D
Acq On : 27 Oct 2015 18:19
Operator : UM/IZ
Sample : G4157-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1MS

Quant Time: Oct 28 01:24:14 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 02:43:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	80332	20.00	ng		-0.02
21) Naphthalene-d8	8.00	136	314883	20.00	ng		-0.02
38) Acenaphthene-d10	9.75	164	152329	20.00	ng		-0.02
63) Phenanthrene-d10	11.25	188	285445	20.00	ng		-0.01
75) Chrysene-d12	13.89	240	210382	20.00	ng		-0.02
86) Perylene-d12	15.29	264	152933	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	658493	161.82	ng		0.01
7) Phenol-d6	6.38	99	812710	153.24	ng		0.00
23) Nitrobenzene-d5	7.29	82	529677	108.52	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	185984	163.05	ng		-0.02
44) 2-Fluorobiphenyl	9.09	172	1116465	116.55	ng		-0.01
78) Terphenyl-d14	12.82	244	967320	132.47	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	75130	36.79	ng	#	87
3) Pyridine	2.95	79	193620	40.67	ng		98
4) n-Nitrosodimethylamine	2.91	42	99206	47.38	ng		91
6) Aniline	6.38	93	183402	27.44	ng	#	90
8) 2-Chlorophenol	6.50	128	245071	51.35	ng		97
9) Benzaldehyde	6.26	77	83116	29.77	ng		94
10) Phenol	6.39	94	272769	45.30	ng		99
11) bis(2-Chloroethyl)ether	6.46	93	218272	45.68	ng		98
12) 1,3-Dichlorobenzene	6.65	146	268784m	47.21	ng		
13) 1,4-Dichlorobenzene	6.73	146	268529	45.84	ng		96
14) 1,2-Dichlorobenzene	6.88	146	259349m	47.70	ng		
15) Benzyl Alcohol	6.87	79	193110	52.31	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	319036	49.31	ng	#	41
17) 2-Methylphenol	6.99	107	193769	50.62	ng	#	90
18) Hexachloroethane	7.21	117	92854	46.57	ng		91
19) n-Nitroso-di-n-propylamine	7.14	70	182825	52.91	ng		99
20) 3+4-Methylphenols	7.15	107	253575	51.85	ng		94
22) Acetophenone	7.13	105	332240	48.63	ng	#	97
24) Nitrobenzene	7.31	77	244104	44.79	ng		92
25) Isophorone	7.54	82	461308	47.57	ng		95
26) 2-Nitrophenol	7.62	139	132267	50.24	ng	#	76
27) 2,4-Dimethylphenol	7.68	122	217016	50.72	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	297672	52.35	ng		98
29) 2,4-Dichlorophenol	7.87	162	235337	55.14	ng		99
30) 1,2,4-Trichlorobenzene	7.94	180	232194	48.11	ng		96
31) Naphthalene	8.02	128	705130	49.00	ng		99
33) 4-Chloroaniline	8.09	127	105773	18.96	ng		99
34) Hexachlorobutadiene	8.14	225	136170	48.78	ng		98
35) Caprolactam	8.47	113	56088m	47.28	ng		
36) 4-Chloro-3-methylphenol	8.59	107	226552	54.59	ng		89
37) 2-Methylnaphthalene	8.72	142	489479	50.35	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	234220	50.94	ng		99
40) Hexachlorocyclopentadiene	8.86	237	96880	73.21	ng		99
42) 2,4,6-Trichlorophenol	9.01	196	143518	50.07	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.05	196	150015	49.91	ng	#	93
45) 1,1'-Biphenyl	9.18	154	578499	51.03	ng		97
46) 2-Chloronaphthalene	9.21	162	471231	52.74	ng		95
47) 2-Nitroaniline	9.31	65	138933	53.54	ng		95
48) Acenaphthylene	9.62	152	753125	52.63	ng		99
49) Dimethylphthalate	9.50	163	726911	68.58	ng		98
50) 2,6-Dinitrotoluene	9.57	165	118270	50.89	ng	#	87
51) Acenaphthene	9.79	154	432137	52.65	ng		99
52) 3-Nitroaniline	9.73	138	86672	34.37	ng	#	73
53) 2,4-Dinitrophenol	9.86	184	13858	20.84	ng	#	83
54) Dibenzofuran	9.97	168	660530	55.16	ng		94
55) 4-Nitrophenol	9.92	139	96597m	80.62	ng		
56) 2,4-Dinitrotoluene	9.97	165	161408	57.27	ng	#	78
57) Fluorene	10.31	166	519994	52.89	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	119305	51.85	ng		97
59) Diethylphthalate	10.18	149	504459	48.90	ng		96
60) 4-Chlorophenyl-phenylether	10.30	204	255858	55.34	ng	#	85
61) 4-Nitroaniline	10.35	138	120411	47.68	ng		99
62) Azobenzene	10.46	77	549515	55.15	ng		85
64) 4,6-Dinitro-2-methylphenol	10.38	198	70473	42.08	ng		93
65) n-Nitrosodiphenylamine	10.42	169	464988	53.84	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	152617	56.97	ng	#	76
67) Hexachlorobenzene	10.85	284	152712	53.45	ng	#	81
68) Atrazine	10.96	200	145959	54.59	ng		93
69) Pentachlorophenol	11.05	266	78971	68.88	ng		98
70) Phenanthrene	11.27	178	803571	54.70	ng		100
71) Anthracene	11.31	178	774760	52.37	ng		99
72) Carbazole	11.49	167	685113	52.52	ng		98
73) Di-n-butylphthalate	11.81	149	900015	57.84	ng		99
74) Fluoranthene	12.46	202	810755	53.77	ng		94
76) Benzidine	12.58	184	174504	30.23	ng		98
77) Pyrene	12.69	202	804481	62.17	ng		98
79) Butylbenzylphthalate	13.30	149	346462	63.68	ng	#	75
80) Benzo(a)anthracene	13.88	228	603965	53.55	ng		100
81) 3,3'-Dichlorobenzidine	13.84	252	124552	31.85	ng	#	98
82) Chrysene	13.91	228	592689	55.63	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	414168	56.84	ng	#	96
84) Di-n-octyl phthalate	14.47	149	574571	47.78	ng		100
85) Indeno(1,2,3-cd)pyrene	16.64	276	460467	47.04	ng		98
87) Benzo(b)fluoranthene	14.89	252	560466m	61.71	ng		
88) Benzo(k)fluoranthene	14.93	252	372999m	50.38	ng		
89) Benzo(a)pyrene	15.24	252	435194	55.31	ng	#	97
90) Dibenzo(a,h)anthracene	16.65	278	397804	60.43	ng		99
91) Benzo(g,h,i)perylene	17.05	276	408969	62.79	ng		99

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

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