Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086936.D
Acq On : 12 May 2016 17:55
Operator : UM/SJ
Sample : H2968-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP40-4FTMS

Manual Integrations APPROVED
sohil
5/13/2016 8:03:45 PM

Quant Time: May 13 01:17:29 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 13 00:58:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	154563	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	628203	20.00	ng		-0.01
38) Acenaphthene-d10	9.66	164	300327	20.00	ng		-0.01
63) Phenanthrene-d10	11.13	188	574900	20.00	ng		-0.01
75) Chrysene-d12	13.76	240	366161	20.00	ng		-0.01
86) Perylene-d12	15.12	264	330774	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	915969	100.36	ng		0.01
7) Phenol-d6	6.30	99	1225513	100.47	ng		0.00
23) Nitrobenzene-d5	7.20	82	836561	66.87	ng		-0.01
41) 2,4,6-Tribromophenol	10.46	330	308123	96.91	ng		0.00
44) 2-Fluorobiphenyl	8.99	172	1283126	71.80	ng		0.00
78) Terphenyl-d14	12.72	244	1092643	63.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	117594	26.24	ng	#	58
3) Pyridine	2.79	79	310407	28.34	ng	#	64
4) n-Nitrosodimethylamine	2.73	42	270379	34.04	ng	#	48
6) Aniline	6.28	93	322737	21.88	ng	#	82
8) 2-Chlorophenol	6.41	128	363957	33.05	ng	#	81
9) Benzaldehyde	6.17	77	33985	4.81	ng		98
10) Phenol	6.31	94	507497	35.00	ng		89
11) bis(2-Chloroethyl)ether	6.36	93	346890	30.69	ng	#	83
12) 1,3-Dichlorobenzene	6.56	146	376919	31.63	ng	#	93
13) 1,4-Dichlorobenzene	6.64	146	383123m	31.52	ng		
14) 1,2-Dichlorobenzene	6.79	146	322954m	30.49	ng		
15) Benzyl Alcohol	6.79	79	329542	39.13	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.91	45	738782	30.06	ng		60
17) 2-Methylphenol	6.91	107	305452	34.86	ng	#	83
18) Hexachloroethane	7.13	117	142293	31.12	ng		97
19) n-Nitroso-di-n-propylamine	7.05	70	267190	31.34	ng	#	63
20) 3+4-Methylphenols	7.07	107	400887	35.03	ng	#	58
22) Acetophenone	7.04	105	517893	34.90	ng	#	93
24) Nitrobenzene	7.21	77	415876	32.31	ng		94
25) Isophorone	7.46	82	764514	32.94	ng		95
26) 2-Nitrophenol	7.53	139	183439	32.43	ng	#	69
27) 2,4-Dimethylphenol	7.59	122	308197	31.98	ng		89
28) bis(2-Chloroethoxy)methane	7.68	93	480297	38.36	ng		98
29) 2,4-Dichlorophenol	7.78	162	293917	34.65	ng		93
30) 1,2,4-Trichlorobenzene	7.85	180	315116	33.23	ng		94
31) Naphthalene	7.93	128	1031872	32.79	ng		99
33) 4-Chloroaniline	8.00	127	242716	19.85	ng		97
34) Hexachlorobutadiene	8.06	225	210544	38.26	ng		99
35) Caprolactam	8.36	113	90132m	31.23	ng		
36) 4-Chloro-3-methylphenol	8.50	107	352209	34.24	ng		97
37) 2-Methylnaphthalene	8.63	142	720895	39.19	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	325080	37.23	ng		98
40) Hexachlorocyclopentadiene	8.78	237	245147	59.15	ng		98
42) 2,4,6-Trichlorophenol	8.91	196	200767	34.38	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.96	196	204266	33.83	ng	#	85
45) 1,1'-Biphenyl	9.08	154	795058	33.28	ng		96
46) 2-Chloronaphthalene	9.11	162	605226	32.34	ng		92
47) 2-Nitroaniline	9.22	65	268568	39.26	ng		87
48) Acenaphthylene	9.52	152	922717	33.52	ng		98
49) Dimethylphthalate	9.40	163	879361	38.38	ng		100
50) 2,6-Dinitrotoluene	9.46	165	170215	35.30	ng		89
51) Acenaphthene	9.69	154	575712	33.62	ng		98
52) 3-Nitroaniline	9.63	138	138032	27.19	ng		95
53) 2,4-Dinitrophenol	9.74	184	83398	38.28	ng	#	52
54) Dibenzofuran	9.86	168	778759	35.43	ng		93
55) 4-Nitrophenol	9.83	139	202093	60.86	ng		89
56) 2,4-Dinitrotoluene	9.86	165	195515	32.76	ng	#	64
57) Fluorene	10.20	166	610917	32.59	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	158203	34.80	ng		98
59) Diethylphthalate	10.09	149	719585	32.23	ng		99
60) 4-Chlorophenyl-phenylether	10.20	204	306704	35.68	ng		86
61) 4-Nitroaniline	10.25	138	180310	36.98	ng		82
62) Azobenzene	10.36	77	886014	36.78	ng		89
64) 4,6-Dinitro-2-methylphenol	10.27	198	110571	30.96	ng	#	82
65) n-Nitrosodiphenylamine	10.33	169	595161	33.70	ng		98
66) 4-Bromophenyl-phenylether	10.68	248	176969	30.36	ng	#	86
67) Hexachlorobenzene	10.75	284	243955m	35.81	ng		
68) Atrazine	10.86	200	165444	28.04	ng		94
69) Pentachlorophenol	10.95	266	195848	62.21	ng		98
70) Phenanthrene	11.16	178	1029014	33.54	ng		100
71) Anthracene	11.21	178	951174	30.31	ng		99
72) Carbazole	11.37	167	904301	33.53	ng		98
73) Di-n-butylphthalate	11.71	149	1122314	34.07	ng		99
74) Fluoranthene	12.34	202	993151	31.47	ng		95
76) Benzidine	12.48	184	229180	24.55	ng		95
77) Pyrene	12.57	202	1036161	36.96	ng		98
79) Butylbenzylphthalate	13.20	149	431839	36.42	ng	#	81
80) Benzo(a)anthracene	13.75	228	698011	33.96	ng		98
81) 3,3'-Dichlorobenzidine	13.73	252	157586	12.07	ng	#	97
82) Chrysene	13.79	228	714910	34.19	ng		98
83) Bis(2-ethylhexyl)phthalate	13.76	149	501310	35.15	ng		98
84) Di-n-octyl phthalate	14.37	149	758429	32.10	ng	#	83
85) Indeno(1,2,3-cd)pyrene	16.38	276	636395	36.58	ng		95
87) Benzo(b)fluoranthene	14.75	252	627566m	29.19	ng		
88) Benzo(k)fluoranthene	14.78	252	535103m	30.40	ng		
89) Benzo(a)pyrene	15.07	252	554805	29.92	ng	#	96
90) Dibenzo(a,h)anthracene	16.38	278	542524	34.72	ng		99
91) Benzo(g,h,i)perylene	16.74	276	544966	34.32	ng		95

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

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