Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086937.D
Acq On : 12 May 2016 18:24
Operator : UM/SJ
Sample : H2968-05MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP40-4FTMSD

Manual Integrations APPROVED
sohil
5/13/2016 8:03:52 PM

Quant Time: May 13 01:23:25 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	158802	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	661752	20.00	ng		-0.01
38) Acenaphthene-d10	9.66	164	319806	20.00	ng		-0.01
63) Phenanthrene-d10	11.14	188	587890	20.00	ng		0.00
75) Chrysene-d12	13.76	240	332684	20.00	ng		-0.01
86) Perylene-d12	15.12	264	319811	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1115388	118.95	ng		0.01
7) Phenol-d6	6.30	99	1448649	115.59	ng		0.00
23) Nitrobenzene-d5	7.20	82	1041078	79.00	ng		-0.01
41) 2,4,6-Tribromophenol	10.46	330	452064	133.52	ng		0.00
44) 2-Fluorobiphenyl	8.99	172	1553402	81.63	ng		0.00
78) Terphenyl-d14	12.72	244	1240747	79.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	160105	34.78	ng	#	68
3) Pyridine	2.78	79	491926	43.71	ng	#	63
4) n-Nitrosodimethylamine	2.74	42	347122	42.53	ng	#	48
6) Aniline	6.30	93	452781	29.87	ng	#	60
8) 2-Chlorophenol	6.42	128	449519	39.73	ng		95
9) Benzaldehyde	6.17	77	44668	6.16	ng		99
10) Phenol	6.31	94	575424	38.63	ng		72
11) bis(2-Chloroethyl)ether	6.38	93	518393	44.63	ng		96
12) 1,3-Dichlorobenzene	6.56	146	460762m	37.63	ng		
13) 1,4-Dichlorobenzene	6.64	146	482226m	38.62	ng		
14) 1,2-Dichlorobenzene	6.80	146	419517	38.55	ng		95
15) Benzyl Alcohol	6.79	79	422363	48.81	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.91	45	941948	37.30	ng	#	49
17) 2-Methylphenol	6.91	107	389872	43.30	ng	#	81
18) Hexachloroethane	7.13	117	185131	39.40	ng		98
19) n-Nitroso-di-n-propylamine	7.06	70	394429	45.03	ng	#	81
20) 3+4-Methylphenols	7.07	107	525316	44.67	ng	#	59
22) Acetophenone	7.05	105	699885	44.78	ng		97
24) Nitrobenzene	7.22	77	601752	44.39	ng		94
25) Isophorone	7.46	82	1008135	41.23	ng		99
26) 2-Nitrophenol	7.53	139	244386	41.01	ng	#	63
27) 2,4-Dimethylphenol	7.60	122	410980	40.49	ng		95
28) bis(2-Chloroethoxy)methane	7.68	93	614645	46.60	ng		99
29) 2,4-Dichlorophenol	7.78	162	384587	43.04	ng		92
30) 1,2,4-Trichlorobenzene	7.85	180	411971	41.24	ng		96
31) Naphthalene	7.93	128	1279977	38.62	ng		99
33) 4-Chloroaniline	8.00	127	319340	24.80	ng	#	95
34) Hexachlorobutadiene	8.06	225	277338	47.85	ng		98
35) Caprolactam	8.38	113	120528m	39.65	ng		
36) 4-Chloro-3-methylphenol	8.50	107	438409	40.46	ng		93
37) 2-Methylnaphthalene	8.63	142	924911	47.73	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.79	216	406552	43.72	ng		99
40) Hexachlorocyclopentadiene	8.78	237	320583	72.64	ng		94
42) 2,4,6-Trichlorophenol	8.91	196	247192	39.76	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.96	196	241193	37.51	ng	#	78
45) 1,1'-Biphenyl	9.10	154	1043527	41.02	ng		99
46) 2-Chloronaphthalene	9.11	162	779546	39.12	ng		93
47) 2-Nitroaniline	9.22	65	329675	45.26	ng	#	82
48) Acenaphthylene	9.52	152	1164756	39.73	ng		98
49) Dimethylphthalate	9.40	163	1061602	43.51	ng		100
50) 2,6-Dinitrotoluene	9.46	165	191168	37.23	ng	#	71
51) Acenaphthene	9.69	154	714777	39.20	ng		98
52) 3-Nitroaniline	9.63	138	165319	30.58	ng		83
53) 2,4-Dinitrophenol	9.75	184	82557	36.13	ng	#	86
54) Dibenzofuran	9.86	168	1056506	45.14	ng		92
55) 4-Nitrophenol	9.83	139	260607	72.74	ng	#	61
56) 2,4-Dinitrotoluene	9.87	165	255705	40.24	ng	#	75
57) Fluorene	10.20	166	749402	37.54	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	211053	43.60	ng		98
59) Diethylphthalate	10.10	149	964092	40.55	ng		97
60) 4-Chlorophenyl-phenylether	10.20	204	383757	43.92	ng		91
61) 4-Nitroaniline	10.25	138	201065	38.73	ng	#	68
62) Azobenzene	10.36	77	1159247	45.19	ng		88
64) 4,6-Dinitro-2-methylphenol	10.27	198	126812	34.72	ng	#	38
65) n-Nitrosodiphenylamine	10.33	169	789425	43.71	ng		100
66) 4-Bromophenyl-phenylether	10.69	248	229712	38.54	ng	#	85
67) Hexachlorobenzene	10.75	284	318026	45.65	ng	#	90
68) Atrazine	10.87	200	249370	41.33	ng		94
69) Pentachlorophenol	10.96	266	268703	83.47	ng		95
70) Phenanthrene	11.17	178	1287361	41.03	ng		99
71) Anthracene	11.21	178	1164339	36.29	ng		99
72) Carbazole	11.38	167	1147484	41.60	ng		99
73) Di-n-butylphthalate	11.71	149	1376034	40.85	ng		99
74) Fluoranthene	12.34	202	1207394	37.42	ng		96
76) Benzidine	12.48	184	347988	41.03	ng		96
77) Pyrene	12.57	202	1248778	49.03	ng		99
79) Butylbenzylphthalate	13.20	149	517999	48.08	ng	#	78
80) Benzo(a)anthracene	13.75	228	825369	44.19	ng		98
81) 3,3'-Dichlorobenzidine	13.73	252	207005	17.45	ng	#	97
82) Chrysene	13.79	228	855115	45.01	ng		98
83) Bis(2-ethylhexyl)phthalate	13.76	149	615983	47.53	ng	#	95
84) Di-n-octyl phthalate	14.37	149	925611	43.12	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.38	276	801321	50.70	ng		95
87) Benzo(b)fluoranthene	14.75	252	722967m	34.78	ng		
88) Benzo(k)fluoranthene	14.78	252	661272m	38.86	ng		
89) Benzo(a)pyrene	15.07	252	696839	38.87	ng	#	97
90) Dibenzo(a,h)anthracene	16.39	278	666332	44.10	ng	#	95
91) Benzo(g,h,i)perylene	16.74	276	686786	44.74	ng		95

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

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