Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085173.D
Acq On : 3 Mar 2016 23:07
Operator : SJ/UM
Sample : H1663-06MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MS

Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:45 PM

Quant Time: Mar 04 03:15:45 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	156573	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	644452	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	297098	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	545971	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	374886	20.00	ng		-0.01
86) Perylene-d12	15.61	264	296385	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1226047	131.35	ng		0.01
7) Phenol-d6	6.61	99	1611662	131.79	ng		0.00
23) Nitrobenzene-d5	7.54	82	1107964	92.00	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	399858	157.29	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1554139	79.56	ng		-0.01
78) Terphenyl-d14	13.09	244	1410004	87.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	183657	38.47	ng		99
3) Pyridine	3.50	79	581895	48.71	ng		95
4) n-Nitrosodimethylamine	3.45	42	237110	46.37	ng		98
6) Aniline	6.64	93	490719	28.63	ng		98
8) 2-Chlorophenol	6.77	128	537446	47.83	ng		95
9) Benzaldehyde	6.53	77	190202	31.17	ng		93
10) Phenol	6.62	94	650402m	49.66	ng		
11) bis(2-Chloroethyl)ether	6.71	93	475722	43.73	ng		90
12) 1,3-Dichlorobenzene	6.92	146	514191m	42.62	ng		
13) 1,4-Dichlorobenzene	7.00	146	524336	43.36	ng		99
14) 1,2-Dichlorobenzene	7.16	146	512827	46.74	ng		95
15) Benzyl Alcohol	7.12	79	505489	56.31	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.26	45	711333	45.36	ng		99
17) 2-Methylphenol	7.22	107	433831	47.31	ng		96
18) Hexachloroethane	7.50	117	203796	45.69	ng		94
19) n-Nitroso-di-n-propylamine	7.40	70	385972	48.42	ng	#	92
20) 3+4-Methylphenols	7.38	107	556632	51.25	ng	#	87
22) Acetophenone	7.38	105	698566	44.41	ng	#	87
24) Nitrobenzene	7.57	77	584032	47.74	ng	#	85
25) Isophorone	7.81	82	1044494	46.80	ng		95
26) 2-Nitrophenol	7.88	139	256603	43.10	ng	#	67
27) 2,4-Dimethylphenol	7.91	122	471215	43.31	ng		93
28) bis(2-Chloroethoxy)methane	8.01	93	679065	54.63	ng		99
29) 2,4-Dichlorophenol	8.12	162	396510	45.19	ng		89
30) 1,2,4-Trichlorobenzene	8.21	180	452671	47.72	ng		98
31) Naphthalene	8.29	128	1457032	45.98	ng		99
32) Benzoic acid	7.97	122	27931	3.86	ng		100
33) 4-Chloroaniline	8.33	127	224764	17.54	ng	#	92
34) Hexachlorobutadiene	8.40	225	213220	43.19	ng		97
35) Caprolactam	8.70	113	151903m	53.01	ng		
36) 4-Chloro-3-methylphenol	8.81	107	489869	49.21	ng		97
37) 2-Methylnaphthalene	8.97	142	982331	48.31	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	370437	43.60	ng		99
40) Hexachlorocyclopentadiene	9.13	237	423170	92.34	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	304669	48.17	ng		100
43) 2,4,5-Trichlorophenol	9.29	196	301171	50.22	ng		97
45) 1,1'-Biphenyl	9.44	154	1085146	42.75	ng		98
46) 2-Chloronaphthalene	9.46	162	810366	41.88	ng	#	92
47) 2-Nitroaniline	9.56	65	261137	43.56	ng		97
48) Acenaphthylene	9.89	152	1470580	48.84	ng		98
49) Dimethylphthalate	9.74	163	1186498	52.03	ng		98
50) 2,6-Dinitrotoluene	9.81	165	240647	49.33	ng	#	73
51) Acenaphthene	10.06	154	899403	49.19	ng		99
52) 3-Nitroaniline	9.97	138	167348	28.67	ng		84
53) 2,4-Dinitrophenol	10.07	184	92001	41.46	ng	#	57
54) Dibenzofuran	10.23	168	1260057	52.60	ng		96
55) 4-Nitrophenol	10.13	139	425629	92.80	ng	#	83
56) 2,4-Dinitrotoluene	10.21	165	338552	54.23	ng	#	83
57) Fluorene	10.57	166	941994	50.06	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	240827	57.16	ng		96
59) Diethylphthalate	10.44	149	1024180	46.28	ng		94
60) 4-Chlorophenyl-phenylether	10.56	204	450433	49.20	ng		94
61) 4-Nitroaniline	10.58	138	238277	43.65	ng		98
62) Azobenzene	10.72	77	1175604	53.92	ng		97
64) 4,6-Dinitro-2-methylphenol	10.61	198	125570	38.41	ng	#	40
65) n-Nitrosodiphenylamine	10.68	169	769560	45.32	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	269547	50.84	ng		93
67) Hexachlorobenzene	11.12	284	275116	48.64	ng	#	90
68) Atrazine	11.20	200	242491	51.35	ng		98
69) Pentachlorophenol	11.30	266	287499	91.58	ng		99
70) Phenanthrene	11.53	178	1449585	50.66	ng		99
71) Anthracene	11.58	178	1306354	43.01	ng		99
72) Carbazole	11.74	167	1302903	48.92	ng		97
73) Di-n-butylphthalate	12.06	149	1469384	43.64	ng		100
74) Fluoranthene	12.72	202	1423807	49.58	ng		96
76) Benzidine	12.84	184	469627	42.09	ng		99
77) Pyrene	12.95	202	1463840	51.88	ng		99
79) Butylbenzylphthalate	13.56	149	618717	48.33	ng		99
80) Benzo(a)anthracene	14.13	228	1051409	46.85	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	190610	26.92	ng	#	96
82) Chrysene	14.17	228	1020543	49.23	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	825618	49.00	ng		100
84) Di-n-octyl phthalate	14.73	149	1364162	53.16	ng		99
85) Indeno(1,2,3-cd)pyrene	17.09	276	795205	49.15	ng		99
87) Benzo(b)fluoranthene	15.18	252	831805m	42.11	ng		
88) Benzo(k)fluoranthene	15.21	252	873507m	54.82	ng		
89) Benzo(a)pyrene	15.55	252	794540	48.53	ng	#	94
90) Dibenzo(a,h)anthracene	17.10	278	673027	48.16	ng		98
91) Benzo(g,h,i)perylene	17.53	276	664796	47.31	ng		99

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

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