Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084873.D
Acq On : 5 Feb 2016 21:28
Operator : SJ/IZ
Sample : PB88197BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88197BS

Manual Integrations APPROVED
UMANGI
2/8/2016 3:03:00 PM

Quant Time: Feb 05 23:40:22 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	178707	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	760654	20.00	ng		-0.02
38) Acenaphthene-d10	9.70	164	342619	20.00	ng		-0.03
63) Phenanthrene-d10	11.17	188	572872	20.00	ng		-0.03
75) Chrysene-d12	13.80	240	371393	20.00	ng		-0.03
86) Perylene-d12	15.17	264	346992	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	943343	82.22	ng		-0.01
7) Phenol-d6	6.32	99	1126077	79.17	ng		-0.02
23) Nitrobenzene-d5	7.24	82	1079327	79.93	ng		-0.02
41) 2,4,6-Tribromophenol	10.49	330	253222	70.85	ng		-0.03
44) 2-Fluorobiphenyl	9.04	172	1849463	94.41	ng		-0.02
78) Terphenyl-d14	12.76	244	1388858	84.74	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	164538	32.74	ng	#	76
3) Pyridine	2.89	79	523411	39.97	ng	#	71
4) n-Nitrosodimethylamine	2.85	42	262396	38.75	ng	#	83
6) Aniline	6.33	93	373333	21.45	ng	#	47
8) 2-Chlorophenol	6.45	128	533680	41.09	ng		94
9) Benzaldehyde	6.20	77	172734	20.57	ng		98
10) Phenol	6.33	94	554775	34.82	ng	#	70
11) bis(2-Chloroethyl)ether	6.41	93	512582	41.25	ng		87
12) 1,3-Dichlorobenzene	6.60	146	537259	39.16	ng		97
13) 1,4-Dichlorobenzene	6.68	146	543455	39.62	ng		94
14) 1,2-Dichlorobenzene	6.83	146	460755	36.07	ng		97
15) Benzyl Alcohol	6.82	79	400602	40.79	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.96	45	768033	36.75	ng		90
17) 2-Methylphenol	6.94	107	426746	41.55	ng	#	92
18) Hexachloroethane	7.17	117	208260	39.43	ng		98
19) n-Nitroso-di-n-propylamine	7.09	70	346857	38.90	ng	#	75
20) 3+4-Methylphenols	7.10	107	533450	41.84	ng		90
22) Acetophenone	7.08	105	723695	36.10	ng	#	98
24) Nitrobenzene	7.25	77	523457	36.20	ng		98
25) Isophorone	7.49	82	961917	36.64	ng		97
26) 2-Nitrophenol	7.57	139	292692	41.04	ng		92
27) 2,4-Dimethylphenol	7.63	122	473549	38.18	ng		87
28) bis(2-Chloroethoxy)methane	7.71	93	580615	37.27	ng		99
29) 2,4-Dichlorophenol	7.82	162	419302	39.51	ng		92
30) 1,2,4-Trichlorobenzene	7.89	180	443102	36.96	ng		96
31) Naphthalene	7.97	128	1474520	38.65	ng		99
32) Benzoic acid	7.77	122	292974	36.93	ng		93
33) 4-Chloroaniline	8.03	127	168082	10.65	ng	#	93
34) Hexachlorobutadiene	8.09	225	248346	35.93	ng		98
35) Caprolactam	8.42	113	137111m	41.91	ng		
36) 4-Chloro-3-methylphenol	8.53	107	498756	41.19	ng		99
37) 2-Methylnaphthalene	8.66	142	938603	39.31	ng		95
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	400319	36.79	ng		98
40) Hexachlorocyclopentadiene	8.82	237	385452	80.17	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	260988	37.23	ng		94
43) 2,4,5-Trichlorophenol	8.99	196	271675	38.14	ng	#	82
45) 1,1'-Biphenyl	9.13	154	1093980	35.75	ng		99
46) 2-Chloronaphthalene	9.15	162	867657	38.50	ng		93
47) 2-Nitroaniline	9.25	65	273743	38.36	ng		96
48) Acenaphthylene	9.56	152	1248512	36.51	ng		97
49) Dimethylphthalate	9.44	163	997145	38.21	ng	#	90
50) 2,6-Dinitrotoluene	9.50	165	222732	39.07	ng	#	88
51) Acenaphthene	9.73	154	823643	37.02	ng		96
52) 3-Nitroaniline	9.66	138	137671	21.49	ng		88
53) 2,4-Dinitrophenol	9.78	184	209648	79.70	ng		93
54) Dibenzofuran	9.90	168	1058050	38.91	ng		94
55) 4-Nitrophenol	9.85	139	258809	54.97	ng	#	74
56) 2,4-Dinitrotoluene	9.90	165	303427	41.73	ng	#	90
57) Fluorene	10.25	166	873078	38.45	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	235565	43.44	ng		93
59) Diethylphthalate	10.13	149	935681	36.72	ng		99
60) 4-Chlorophenyl-phenylether	10.25	204	434268	45.62	ng		88
61) 4-Nitroaniline	10.28	138	227305	36.41	ng		90
62) Azobenzene	10.41	77	1011484	41.28	ng		93
64) 4,6-Dinitro-2-methylphenol	10.30	198	140216	39.66	ng	#	49
65) n-Nitrosodiphenylamine	10.36	169	739911	40.68	ng		98
66) 4-Bromophenyl-phenylether	10.73	248	252043	39.83	ng	#	77
67) Hexachlorobenzene	10.80	284	301483	43.73	ng	#	88
68) Atrazine	10.90	200	239360	41.67	ng		99
69) Pentachlorophenol	10.99	266	253980	78.39	ng		99
70) Phenanthrene	11.21	178	1367560	43.04	ng		99
71) Anthracene	11.25	178	1279826	39.97	ng		99
72) Carbazole	11.41	167	1117686	40.04	ng		100
73) Di-n-butylphthalate	11.76	149	1544019	43.44	ng	#	98
74) Fluoranthene	12.39	202	1305877	40.61	ng		97
76) Benzidine	12.51	184	435497	33.08	ng		99
77) Pyrene	12.61	202	1354331	47.63	ng		99
79) Butylbenzylphthalate	13.24	149	573406	44.45	ng		96
80) Benzo(a)anthracene	13.79	228	949077	41.17	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	158157	19.38	ng	#	99
82) Chrysene	13.84	228	948847	42.45	ng		99
83) Bis(2-ethylhexyl)phthalate	13.80	149	699052	43.55	ng		99
84) Di-n-octyl phthalate	14.42	149	1134920	42.85	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.45	276	866087	49.23	ng		99
87) Benzo(b)fluoranthene	14.80	252	789060m	33.84	ng		
88) Benzo(k)fluoranthene	14.83	252	842413m	43.70	ng		
89) Benzo(a)pyrene	15.12	252	777546	39.14	ng	#	94
90) Dibenzo(a,h)anthracene	16.47	278	713107	42.64	ng	#	95
91) Benzo(g,h,i)perylene	16.83	276	739782	43.92	ng		99

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

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