Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084874.D
Acq On : 5 Feb 2016 21:56
Operator : SJ/IZ
Sample : PB88197BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88197BSD

Manual Integrations APPROVED
UMANGI
2/8/2016 3:03:02 PM

Quant Time: Feb 05 23:48:24 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	171754	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	720740	20.00	ng		-0.02
38) Acenaphthene-d10	9.70	164	317004	20.00	ng		-0.03
63) Phenanthrene-d10	11.17	188	568660	20.00	ng		-0.03
75) Chrysene-d12	13.80	240	340323	20.00	ng		-0.03
86) Perylene-d12	15.17	264	331701	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1028207	93.25	ng		-0.01
7) Phenol-d6	6.32	99	1203792	88.06	ng		-0.02
23) Nitrobenzene-d5	7.24	82	1158996	90.59	ng		-0.02
41) 2,4,6-Tribromophenol	10.49	330	269689	81.56	ng		-0.03
44) 2-Fluorobiphenyl	9.04	172	1950266	120.18	ng		-0.02
78) Terphenyl-d14	12.76	244	1467265	97.70	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	162594	33.66	ng	#	75
3) Pyridine	2.86	79	532046	42.28	ng	#	66
4) n-Nitrosodimethylamine	2.83	42	273515	42.02	ng		80
6) Aniline	6.33	93	496198	29.66	ng	#	69
8) 2-Chlorophenol	6.45	128	551029	44.15	ng		95
9) Benzaldehyde	6.20	77	179376	22.22	ng		98
10) Phenol	6.34	94	611040	39.90	ng		81
11) bis(2-Chloroethyl)ether	6.41	93	515535	43.17	ng		85
12) 1,3-Dichlorobenzene	6.60	146	558754	42.37	ng		97
13) 1,4-Dichlorobenzene	6.68	146	573456m	43.50	ng		
14) 1,2-Dichlorobenzene	6.83	146	477243	38.87	ng		96
15) Benzyl Alcohol	6.82	79	408558	43.28	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.96	45	792138	39.43	ng		91
17) 2-Methylphenol	6.94	107	446735	45.26	ng	#	93
18) Hexachloroethane	7.17	117	212919	41.94	ng		99
19) n-Nitroso-di-n-propylamine	7.09	70	352296	41.11	ng	#	74
20) 3+4-Methylphenols	7.10	107	565291	46.14	ng		89
22) Acetophenone	7.08	105	745280	39.23	ng	#	98
24) Nitrobenzene	7.25	77	507655	37.05	ng		96
25) Isophorone	7.50	82	1025624	41.23	ng		95
26) 2-Nitrophenol	7.57	139	305207	45.17	ng	#	90
27) 2,4-Dimethylphenol	7.63	122	487272	41.46	ng		89
28) bis(2-Chloroethoxy)methane	7.71	93	617094	41.81	ng		99
29) 2,4-Dichlorophenol	7.82	162	433149	43.07	ng		93
30) 1,2,4-Trichlorobenzene	7.89	180	444411	39.13	ng		97
31) Naphthalene	7.97	128	1489261	41.19	ng		99
32) Benzoic acid	7.78	122	323597	43.04	ng		99
33) 4-Chloroaniline	8.03	127	243926	16.31	ng		94
34) Hexachlorobutadiene	8.10	225	265157	40.48	ng		99
35) Caprolactam	8.42	113	149760m	48.31	ng		
36) 4-Chloro-3-methylphenol	8.53	107	514631	44.86	ng		100
37) 2-Methylnaphthalene	8.66	142	959809	42.42	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	412682	40.99	ng		98
40) Hexachlorocyclopentadiene	8.82	237	404260	87.57	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	278249	42.90	ng		97
43) 2,4,5-Trichlorophenol	8.99	196	282273	42.83	ng	#	83
45) 1,1'-Biphenyl	9.13	154	1101026	38.89	ng		99
46) 2-Chloronaphthalene	9.15	162	887115	42.54	ng		94
47) 2-Nitroaniline	9.25	65	276308	41.85	ng		95
48) Acenaphthylene	9.56	152	1247697	39.43	ng		98
49) Dimethylphthalate	9.45	163	1074123	44.49	ng	#	91
50) 2,6-Dinitrotoluene	9.50	165	248021	47.02	ng		97
51) Acenaphthene	9.73	154	814981	39.59	ng		97
52) 3-Nitroaniline	9.66	138	153839	25.96	ng		92
53) 2,4-Dinitrophenol	9.78	184	206951	84.65	ng	#	89
54) Dibenzofuran	9.90	168	1072123	42.61	ng		90
55) 4-Nitrophenol	9.85	139	312469	71.73	ng	#	77
56) 2,4-Dinitrotoluene	9.90	165	297611	44.24	ng	#	81
57) Fluorene	10.25	166	890722	42.39	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	243024	48.44	ng		93
59) Diethylphthalate	10.13	149	991905	42.07	ng		98
60) 4-Chlorophenyl-phenylether	10.25	204	452213	52.43	ng		90
61) 4-Nitroaniline	10.28	138	227573	39.40	ng		94
62) Azobenzene	10.41	77	1108201	48.88	ng		95
64) 4,6-Dinitro-2-methylphenol	10.32	198	161981	46.15	ng		71
65) n-Nitrosodiphenylamine	10.36	169	799233	44.26	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	271883	43.29	ng	#	75
67) Hexachlorobenzene	10.80	284	323031	47.20	ng	#	90
68) Atrazine	10.90	200	244303	42.84	ng		98
69) Pentachlorophenol	10.99	266	266303	82.80	ng		97
70) Phenanthrene	11.21	178	1484184	47.06	ng		97
71) Anthracene	11.25	178	1295055	40.75	ng		98
72) Carbazole	11.41	167	1112486	40.14	ng		99
73) Di-n-butylphthalate	11.76	149	1578754	44.75	ng	#	97
74) Fluoranthene	12.39	202	1367458	42.84	ng		97
76) Benzidine	12.51	184	507318	42.76	ng		99
77) Pyrene	12.61	202	1438088	55.19	ng		98
79) Butylbenzylphthalate	13.24	149	596893	50.50	ng		93
80) Benzo(a)anthracene	13.79	228	1032346	48.87	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	196718	26.30	ng	#	96
82) Chrysene	13.84	228	1028742	50.23	ng		100
83) Bis(2-ethylhexyl)phthalate	13.80	149	737655	50.15	ng		100
84) Di-n-octyl phthalate	14.42	149	1226667	50.55	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.45	276	930267	57.70	ng		99
87) Benzo(b)fluoranthene	14.80	252	1148000m	51.51	ng		
88) Benzo(k)fluoranthene	14.83	252	603460m	32.75	ng		
89) Benzo(a)pyrene	15.12	252	816684	43.01	ng	#	94
90) Dibenzo(a,h)anthracene	16.47	278	764449	47.82	ng	#	96
91) Benzo(g,h,i)perylene	16.83	276	785640	48.79	ng		99

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

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