Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085809.D
Acq On : 28 Mar 2016 18:50
Operator : UM/SJ
Sample : PB89183BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89183BS

Manual Integrations APPROVED
Sohil
3/29/2016 12:03:16 PM

Quant Time: Mar 29 01:11:41 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	111043	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	453024	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	198435	20.00	ng		-0.01
63) Phenanthrene-d10	11.34	188	365398	20.00	ng		-0.01
75) Chrysene-d12	13.98	240	248155	20.00	ng		0.00
86) Perylene-d12	15.40	264	189287	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	777132	116.55	ng		0.01
7) Phenol-d6	6.46	99	990891	116.89	ng		0.00
23) Nitrobenzene-d5	7.38	82	618810	76.92	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	271246	143.87	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1076496	90.64	ng		-0.01
78) Terphenyl-d14	12.93	244	1086704	90.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	109097	34.27	ng		99
3) Pyridine	3.17	79	308609	40.43	ng		98
4) n-Nitrosodimethylamine	3.12	42	124487	40.74	ng		98
6) Aniline	6.48	93	203333	17.82	ng		95
8) 2-Chlorophenol	6.61	128	308646	39.84	ng		91
9) Benzaldehyde	6.37	77	23903	4.68	ng		95
10) Phenol	6.47	94	404638	42.13	ng		99
11) bis(2-Chloroethyl)ether	6.55	93	293817	39.75	ng		92
12) 1,3-Dichlorobenzene	6.76	146	331716	39.76	ng	#	95
13) 1,4-Dichlorobenzene	6.84	146	346455	40.95	ng		95
14) 1,2-Dichlorobenzene	6.98	146	305218	38.71	ng		96
15) Benzyl Alcohol	6.96	79	233823	41.34	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	362137	36.93	ng		97
17) 2-Methylphenol	7.08	107	252028	40.64	ng		97
18) Hexachloroethane	7.33	117	126509	40.84	ng		91
19) n-Nitroso-di-n-propylamine	7.24	70	205019	40.39	ng		95
20) 3+4-Methylphenols	7.24	107	319532	42.85	ng	#	87
22) Acetophenone	7.22	105	413818	39.21	ng		96
24) Nitrobenzene	7.41	77	342231	41.27	ng	#	86
25) Isophorone	7.65	82	618831	39.93	ng		94
26) 2-Nitrophenol	7.73	139	165510	39.90	ng	#	89
27) 2,4-Dimethylphenol	7.76	122	290366	40.04	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	354553	40.15	ng		98
29) 2,4-Dichlorophenol	7.97	162	265697	43.59	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	281837	41.64	ng		96
31) Naphthalene	8.13	128	932081	40.83	ng		99
32) Benzoic acid	7.90	122	180288	37.44	ng		98
33) 4-Chloroaniline	8.18	127	82904	8.90	ng		98
34) Hexachlorobutadiene	8.24	225	140407	38.17	ng		99
35) Caprolactam	8.55	113	86056m	39.85	ng		
36) 4-Chloro-3-methylphenol	8.68	107	289454	40.65	ng		87
37) 2-Methylnaphthalene	8.81	142	601210	45.23	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	243051	41.30	ng		98
40) Hexachlorocyclopentadiene	8.97	237	191372	78.26	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	168485	42.39	ng		99
43) 2,4,5-Trichlorophenol	9.14	196	173028	41.51	ng	#	86
45) 1,1'-Biphenyl	9.28	154	694669	41.49	ng		97
46) 2-Chloronaphthalene	9.30	162	515556	41.87	ng		93
47) 2-Nitroaniline	9.41	65	176213	46.80	ng		99
48) Acenaphthylene	9.72	152	839131	41.83	ng		99
49) Dimethylphthalate	9.59	163	664525	44.14	ng		99
50) 2,6-Dinitrotoluene	9.65	165	130330	40.22	ng		97
51) Acenaphthene	9.89	154	514559	41.99	ng		99
52) 3-Nitroaniline	9.82	138	71366	19.24	ng		89
53) 2,4-Dinitrophenol	9.93	184	153178	92.54	ng	#	74
54) Dibenzofuran	10.07	168	744802	46.96	ng		95
55) 4-Nitrophenol	9.99	139	196591	81.35	ng		93
56) 2,4-Dinitrotoluene	10.06	165	193959	47.09	ng	#	78
57) Fluorene	10.41	166	563483	42.74	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	138119	47.68	ng		98
59) Diethylphthalate	10.29	149	668124	44.92	ng		100
60) 4-Chlorophenyl-phenylether	10.40	204	287933	44.66	ng	#	87
61) 4-Nitroaniline	10.44	138	158894	44.79	ng		98
62) Azobenzene	10.56	77	710064	49.68	ng		93
64) 4,6-Dinitro-2-methylphenol	10.47	198	94573	44.19	ng	#	53
65) n-Nitrosodiphenylamine	10.52	169	489312	42.28	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	168156	44.98	ng	#	85
67) Hexachlorobenzene	10.96	284	169022	43.23	ng	#	85
68) Atrazine	11.05	200	159256	40.76	ng		96
69) Pentachlorophenol	11.16	266	177049	92.25	ng		100
70) Phenanthrene	11.36	178	832793	44.39	ng		100
71) Anthracene	11.42	178	873730	44.36	ng		99
72) Carbazole	11.58	167	817298	49.42	ng		99
73) Di-n-butylphthalate	11.91	149	980142	43.19	ng		98
74) Fluoranthene	12.55	202	784323	39.33	ng		97
76) Benzidine	12.68	184	184330	21.09	ng		98
77) Pyrene	12.78	202	811491	39.78	ng		99
79) Butylbenzylphthalate	13.40	149	369919	43.30	ng	#	77
80) Benzo(a)anthracene	13.97	228	632137	44.67	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	111882	11.39	ng	#	95
82) Chrysene	14.00	228	488375	34.27	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	469662	45.92	ng	#	98
84) Di-n-octyl phthalate	14.56	149	705499	46.39	ng		100
85) Indeno(1,2,3-cd)pyrene	16.78	276	565048	51.34	ng		98
87) Benzo(b)fluoranthene	14.99	252	581860m	48.80	ng		
88) Benzo(k)fluoranthene	15.02	252	377017m	35.07	ng		
89) Benzo(a)pyrene	15.34	252	475266	44.89	ng	#	97
90) Dibenzo(a,h)anthracene	16.79	278	469027	47.68	ng		99
91) Benzo(g,h,i)perylene	17.20	276	484497	48.64	ng	#	93

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

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