Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089703.D
Acq On : 10 Aug 2016 19:07
Operator : UM/SJ
Sample : PB92598BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB92598BS

Manual Integrations APPROVED
sohil
8/11/2016 5:51:56 PM

Quant Time: Aug 11 01:54:54 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 11 01:52:35 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	54354	20.00	ng		0.00
21) Naphthalene-d8	9.43	136	233798	20.00	ng		-0.01
38) Acenaphthene-d10	12.25	164	111854	20.00	ng		-0.01
63) Phenanthrene-d10	14.65	188	211747	20.00	ng		0.00
75) Chrysene-d12	18.37	240	166109	20.00	ng		0.00
86) Perylene-d12	20.02	264	138373	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	386327	119.13	ng		0.02
7) Phenol-d6	6.97	99	517178	117.56	ng		0.00
23) Nitrobenzene-d5	8.32	82	317332	75.07	ng		-0.01
41) 2,4,6-Tribromophenol	13.55	330	106057	114.90	ng		0.00
44) 2-Fluorobiphenyl	11.21	172	612158	71.13	ng		-0.01
78) Terphenyl-d14	17.02	244	544963	64.77	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.79	88	48352	26.01	ng	#	71
3) Pyridine	2.35	79	126538	37.04	ng		98
4) n-Nitrosodimethylamine	2.33	42	53080	37.12	ng		99
6) Aniline	6.90	93	85655	15.03	ng		99
8) 2-Chlorophenol	7.08	128	157597	39.58	ng		98
9) Benzaldehyde	6.71	77	38310	24.00	ng		93
10) Phenol	6.98	94	188368	41.71	ng		98
11) bis(2-Chloroethyl)ether	7.05	93	147876	38.11	ng		99
12) 1,3-Dichlorobenzene	7.30	146	152381	35.24	ng		98
13) 1,4-Dichlorobenzene	7.43	146	153044	35.49	ng		99
14) 1,2-Dichlorobenzene	7.66	146	153464	33.76	ng		99
15) Benzyl Alcohol	7.70	79	121761	42.21	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.91	45	171064	34.62	ng	#	53
17) 2-Methylphenol	7.93	107	126545	44.01	ng	#	88
18) Hexachloroethane	8.18	117	61619	33.90	ng		96
19) n-Nitroso-di-n-propylamine	8.14	70	118951	37.43	ng		99
20) 3+4-Methylphenols	8.19	107	155128	42.74	ng		95
22) Acetophenone	8.09	105	183834	32.98	ng	#	99
24) Nitrobenzene	8.35	77	156124	38.89	ng		93
25) Isophorone	8.74	82	303976	37.56	ng		99
26) 2-Nitrophenol	8.86	139	74799	40.60	ng		91
27) 2,4-Dimethylphenol	9.00	122	136919	41.33	ng		97
28) bis(2-Chloroethoxy)methane	9.13	93	188577	38.51	ng		98
29) 2,4-Dichlorophenol	9.28	162	121103	38.64	ng		97
30) 1,2,4-Trichlorobenzene	9.36	180	129491	36.17	ng		99
31) Naphthalene	9.46	128	447797	36.04	ng		99
32) Benzoic acid	9.34	122	48946	23.52	ng		98
33) 4-Chloroaniline	9.62	127	60539	12.97	ng		98
34) Hexachlorobutadiene	9.68	225	70481	34.19	ng		99
35) Caprolactam	10.24	113	38968m	42.66	ng		
36) 4-Chloro-3-methylphenol	10.49	107	145160	39.84	ng		99
37) 2-Methylnaphthalene	10.59	142	292509	38.28	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.87	216	111313	26.48	ng		98
40) Hexachlorocyclopentadiene	10.84	237	92568	65.48	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.10	196	78683	37.95	ng		99
43) 2,4,5-Trichlorophenol	11.18	196	84307	38.04	ng		95
45) 1,1'-Biphenyl	11.36	154	316507	31.38	ng		99
46) 2-Chloronaphthalene	11.37	162	269493	35.63	ng		97
47) 2-Nitroaniline	11.59	65	88091	36.14	ng		98
48) Acenaphthylene	12.02	152	446672	35.85	ng		100
49) Dimethylphthalate	11.92	163	335770	38.30	ng		99
50) 2,6-Dinitrotoluene	12.01	165	71282	40.89	ng		92
51) Acenaphthene	12.31	154	261655	36.36	ng		99
52) 3-Nitroaniline	12.27	138	34341	16.47	ng		96
53) 2,4-Dinitrophenol	12.48	184	43474	62.31	ng		98
54) Dibenzofuran	12.59	168	396444	40.08	ng		97
55) 4-Nitrophenol	12.67	139	75907	66.32	ng	#	61
56) 2,4-Dinitrotoluene	12.66	165	99251	40.48	ng		95
57) Fluorene	13.15	166	325140	38.45	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.83	232	69302	41.19	ng		96
59) Diethylphthalate	13.07	149	348416	38.43	ng		99
60) 4-Chlorophenyl-phenylether	13.18	204	143778	37.08	ng		94
61) 4-Nitroaniline	13.28	138	64778	34.56	ng		96
62) Azobenzene	13.44	77	377950	43.10	ng		98
64) 4,6-Dinitro-2-methylphenol	13.33	198	46034	36.92	ng		92
65) n-Nitrosodiphenylamine	13.39	169	274373	38.37	ng		99
66) 4-Bromophenyl-phenylether	13.97	248	82727	40.39	ng		95
67) Hexachlorobenzene	14.03	284	82282	36.52	ng	#	83
68) Atrazine	14.32	200	87476	43.81	ng		98
69) Pentachlorophenol	14.39	266	52889	56.13	ng		96
70) Phenanthrene	14.69	178	452090	39.27	ng		99
71) Anthracene	14.78	178	483725	39.19	ng		100
72) Carbazole	15.07	167	425457	41.35	ng		100
73) Di-n-butylphthalate	15.66	149	540229	38.83	ng		98
74) Fluoranthene	16.46	202	464730	39.26	ng		100
76) Benzidine	16.70	184	136081	27.03	ng		99
77) Pyrene	16.77	202	475690	32.39	ng		99
79) Butylbenzylphthalate	17.69	149	228208	36.52	ng		88
80) Benzo(a)anthracene	18.34	228	385411	40.38	ng		100
81) 3,3'-Dichlorobenzidine	18.33	252	73466	24.43	ng	#	98
82) Chrysene	18.39	228	374594	37.41	ng		99
83) Bis(2-ethylhexyl)phthalate	18.45	149	335201	38.74	ng	#	97
84) Di-n-octyl phthalate	19.21	149	552651	44.38	ng		100
85) Indeno(1,2,3-cd)pyrene	21.20	276	293823	38.65	ng		100
87) Benzo(b)fluoranthene	19.62	252	345952	40.65	ng		99
88) Benzo(k)fluoranthene	19.65	252	307601m	35.83	ng		
89) Benzo(a)pyrene	19.97	252	306651	38.48	ng		100
90) Dibenzo(a,h)anthracene	21.20	278	244663	32.87	ng		96
91) Benzo(g,h,i)perylene	21.53	276	237343	31.15	ng	#	94

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

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