Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
Data File : BF085882.D
Acq On : 30 Mar 2016 13:19
Operator : UM/SJ
Sample : PB89268BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89268BS

Manual Integrations APPROVED
Sohil
3/31/2016 4:51:28 PM

Quant Time: Mar 31 01:36:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	97894	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	402524	20.00	ng		-0.01
38) Acenaphthene-d10	9.84	164	194329	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	357605	20.00	ng		0.00
75) Chrysene-d12	13.96	240	260420	20.00	ng		-0.01
86) Perylene-d12	15.37	264	224640	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	784558	133.47	ng		0.01
7) Phenol-d6	6.45	99	1002716	134.17	ng		0.00
23) Nitrobenzene-d5	7.37	82	618103	86.47	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	216515	117.27	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1103602	94.88	ng		0.00
78) Terphenyl-d14	12.91	244	930817	73.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	94239	33.58	ng		97
3) Pyridine	3.13	79	240270	35.71	ng		98
4) n-Nitrosodimethylamine	3.06	42	115228	42.77	ng		93
6) Aniline	6.46	93	279586	27.79	ng	#	30
8) 2-Chlorophenol	6.58	128	305242	44.69	ng		98
9) Benzaldehyde	6.34	77	155263	34.48	ng		97
10) Phenol	6.46	94	366319	43.26	ng		83
11) bis(2-Chloroethyl)ether	6.54	93	281207	43.16	ng		99
12) 1,3-Dichlorobenzene	6.73	146	292776m	39.81	ng		
13) 1,4-Dichlorobenzene	6.81	146	307290	41.20	ng		98
14) 1,2-Dichlorobenzene	6.97	146	282979	40.71	ng		97
15) Benzyl Alcohol	6.95	79	232803	46.69	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	343410	39.72	ng		88
17) 2-Methylphenol	7.06	107	240395	43.97	ng		99
18) Hexachloroethane	7.30	117	110394	40.42	ng	#	83
19) n-Nitroso-di-n-propylamine	7.21	70	182298	40.74	ng	#	92
20) 3+4-Methylphenols	7.22	107	300452	45.70	ng	#	66
22) Acetophenone	7.21	105	380333	40.56	ng	#	95
24) Nitrobenzene	7.38	77	297579	40.39	ng		98
25) Isophorone	7.62	82	546289	39.67	ng		98
26) 2-Nitrophenol	7.70	139	160008	43.41	ng		96
27) 2,4-Dimethylphenol	7.75	122	286692	44.49	ng		95
28) bis(2-Chloroethoxy)methane	7.84	93	354281	45.16	ng		99
29) 2,4-Dichlorophenol	7.94	162	222174	41.02	ng		93
30) 1,2,4-Trichlorobenzene	8.02	180	238431	39.65	ng		98
31) Naphthalene	8.10	128	796830	39.29	ng		100
32) Benzoic acid	7.88	122	145600	34.03	ng		99
33) 4-Chloroaniline	8.16	127	145124	17.52	ng		98
34) Hexachlorobutadiene	8.22	225	123851	37.89	ng		98
35) Caprolactam	8.53	113	75648	39.43	ng		94
36) 4-Chloro-3-methylphenol	8.65	107	267433	42.27	ng		98
37) 2-Methylnaphthalene	8.80	142	569775	49.31	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	217241	37.70	ng		99
40) Hexachlorocyclopentadiene	8.95	237	164033	69.64	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	155023	39.83	ng		97
43) 2,4,5-Trichlorophenol	9.12	196	157232	38.52	ng	#	82
45) 1,1'-Biphenyl	9.26	154	614048	37.45	ng		99
46) 2-Chloronaphthalene	9.29	162	489820	40.62	ng		98
47) 2-Nitroaniline	9.38	65	142161	38.56	ng		86
48) Acenaphthylene	9.70	152	815157	41.49	ng		99
49) Dimethylphthalate	9.57	163	550512	37.34	ng		100
50) 2,6-Dinitrotoluene	9.64	165	130781	41.21	ng	#	66
51) Acenaphthene	9.88	154	477168	39.76	ng		99
52) 3-Nitroaniline	9.80	138	81409	22.41	ng		90
53) 2,4-Dinitrophenol	9.91	184	105943	67.13	ng		94
54) Dibenzofuran	10.05	168	691652	44.53	ng		98
55) 4-Nitrophenol	9.98	139	199723	84.40	ng		87
56) 2,4-Dinitrotoluene	10.04	165	154037	38.19	ng	#	54
57) Fluorene	10.39	166	552212	42.77	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	121886	42.96	ng		96
59) Diethylphthalate	10.26	149	558796	38.36	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	243514	38.57	ng		98
61) 4-Nitroaniline	10.41	138	128529	36.99	ng		88
62) Azobenzene	10.54	77	628220	44.88	ng		99
64) 4,6-Dinitro-2-methylphenol	10.45	198	85954	41.04	ng		83
65) n-Nitrosodiphenylamine	10.50	169	492720	43.50	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	154768	42.30	ng		97
67) Hexachlorobenzene	10.94	284	165692	43.31	ng		98
68) Atrazine	11.03	200	151646	39.66	ng		98
69) Pentachlorophenol	11.13	266	149994	79.85	ng		99
70) Phenanthrene	11.35	178	830112	45.21	ng		100
71) Anthracene	11.40	178	769069	39.90	ng		99
72) Carbazole	11.56	167	699852	43.24	ng		99
73) Di-n-butylphthalate	11.89	149	926828	41.73	ng		100
74) Fluoranthene	12.54	202	821486	42.09	ng		88
76) Benzidine	12.65	184	299940	32.70	ng		98
77) Pyrene	12.77	202	827686	38.67	ng		100
79) Butylbenzylphthalate	13.39	149	397484	44.34	ng		99
80) Benzo(a)anthracene	13.95	228	661849	44.57	ng		100
81) 3,3'-Dichlorobenzidine	13.91	252	107946	10.47	ng		98
82) Chrysene	13.99	228	662593	44.30	ng		100
83) Bis(2-ethylhexyl)phthalate	13.93	149	466352	43.45	ng		99
84) Di-n-octyl phthalate	14.55	149	789325	49.45	ng		100
85) Indeno(1,2,3-cd)pyrene	16.76	276	515373	44.62	ng		99
87) Benzo(b)fluoranthene	14.97	252	594237m	41.99	ng		
88) Benzo(k)fluoranthene	15.00	252	511793m	40.12	ng		
89) Benzo(a)pyrene	15.32	252	533562	42.46	ng		98
90) Dibenzo(a,h)anthracene	16.76	278	429029	36.75	ng		97
91) Benzo(g,h,i)perylene	17.17	276	430084	36.38	ng		95

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

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