Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
Data File : BF093976.D
Acq On : 28 Mar 2017 7:01
Operator : SJ/MA
Sample : PB97833BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97833BS

Manual Integrations APPROVED
mohammad
3/28/2017 3:43:33 PM

Quant Time: Mar 28 07:26:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.94	152	174184	20.00	ng		-0.01
21) Naphthalene-d8	7.45	136	706355	20.00	ng		-0.01
38) Acenaphthene-d10	9.59	164	306816	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	501313	20.00	ng		0.00
75) Chrysene-d12	14.67	240	310620	20.00	ng		-0.01
86) Perylene-d12	16.30	264	290321	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.48	112	905903	87.84	ng		0.00
7) Phenol-d6	5.54	99	1148404	90.02	ng		-0.01
23) Nitrobenzene-d5	6.59	82	1005440	81.23	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	220262	90.85	ng		-0.01
44) 2-Fluorobiphenyl	8.77	172	1768277	87.91	ng		0.00
78) Terphenyl-d14	13.39	244	1217412	87.85	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	158912	32.07	ng		98
3) Pyridine	2.84	79	462745	34.27	ng		99
4) n-Nitrosodimethylamine	2.80	42	224607	40.43	ng		90
6) Aniline	5.56	93	295636	16.66	ng	#	80
8) 2-Chlorophenol	5.70	128	506168	44.65	ng		95
9) Benzaldehyde	5.43	77	89326	10.37	ng		98
10) Phenol	5.56	94	605586	41.71	ng		99
11) bis(2-Chloroethyl)ether	5.65	93	464130	40.91	ng		97
12) 1,3-Dichlorobenzene	5.87	146	517661	40.71	ng		98
13) 1,4-Dichlorobenzene	5.96	146	527730	40.98	ng		96
14) 1,2-Dichlorobenzene	6.13	146	490266	41.34	ng		97
15) Benzyl Alcohol	6.10	79	417344	44.69	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.27	45	656136	37.53	ng		97
17) 2-Methylphenol	6.25	107	421682	43.44	ng		97
18) Hexachloroethane	6.53	117	182789	40.38	ng	#	80
19) n-Nitroso-di-n-propylamine	6.43	70	333516	40.67	ng		96
20) 3+4-Methylphenols	6.43	107	516843	43.96	ng	#	65
22) Acetophenone	6.42	105	688920	43.76	ng	#	89
24) Nitrobenzene	6.62	77	510642	41.83	ng		93
25) Isophorone	6.90	82	908501	41.77	ng		95
26) 2-Nitrophenol	6.99	139	265321	45.58	ng		96
27) 2,4-Dimethylphenol	7.05	122	457422	45.60	ng		98
28) bis(2-Chloroethoxy)methane	7.16	93	587888	40.99	ng		98
29) 2,4-Dichlorophenol	7.29	162	424772	45.29	ng		100
30) 1,2,4-Trichlorobenzene	7.38	180	412067	42.66	ng		98
31) Naphthalene	7.47	128	1383555	40.74	ng		100
32) Benzoic acid	7.22	122	313008	46.88	ng		93
33) 4-Chloroaniline	7.53	127	101622	7.38	ng		93
34) Hexachlorobutadiene	7.63	225	207972	41.98	ng		98
35) Caprolactam	7.99	113	138985m	46.47	ng		
36) 4-Chloro-3-methylphenol	8.16	107	445615	45.47	ng		90
37) 2-Methylnaphthalene	8.32	142	959944	42.40	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	354398	42.22	ng		99
40) Hexachlorocyclopentadiene	8.52	237	234173	59.62	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.67	196	278293	46.86	ng		98
43) 2,4,5-Trichlorophenol	8.72	196	285406	44.42	ng		95
45) 1,1'-Biphenyl	8.89	154	1070334	43.25	ng		98
46) 2-Chloronaphthalene	8.91	162	840613	43.39	ng		94
47) 2-Nitroaniline	9.04	65	254462	44.28	ng	#	77
48) Acenaphthylene	9.42	152	1315015	40.84	ng		100
49) Dimethylphthalate	9.28	163	998596	45.79	ng		100
50) 2,6-Dinitrotoluene	9.35	165	224791	44.96	ng		94
51) Acenaphthene	9.63	154	777264	41.37	ng		99
52) 3-Nitroaniline	9.54	138	132211	22.52	ng		90
53) 2,4-Dinitrophenol	9.67	184	99800	39.79	ng	#	68
54) Dibenzofuran	9.85	168	1136735	44.45	ng		99
55) 4-Nitrophenol	9.78	139	354222	77.04	ng	#	68
56) 2,4-Dinitrotoluene	9.84	165	271272	43.19	ng	#	75
57) Fluorene	10.27	166	838294	39.53	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	205622	46.64	ng		98
59) Diethylphthalate	10.15	149	952687	44.20	ng		98
60) 4-Chlorophenyl-phenylether	10.27	204	365052	40.41	ng		88
61) 4-Nitroaniline	10.30	138	224032	39.77	ng		95
62) Azobenzene	10.47	77	904395	44.35	ng		95
64) 4,6-Dinitro-2-methylphenol	10.34	198	71529	23.30	ng	#	67
65) n-Nitrosodiphenylamine	10.42	169	801302	46.22	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	228307	46.31	ng		96
67) Hexachlorobenzene	10.95	284	225863	45.25	ng	#	92
68) Atrazine	11.09	200	200926	38.69	ng		96
69) Pentachlorophenol	11.19	266	226608	72.94	ng		96
70) Phenanthrene	11.45	178	1177229	42.21	ng		100
71) Anthracene	11.51	178	1223006	42.59	ng		99
72) Carbazole	11.71	167	1113057	37.80	ng		99
73) Di-n-butylphthalate	12.16	149	1430185	46.71	ng		99
74) Fluoranthene	12.91	202	1073775	37.60	ng		99
76) Benzidine	13.07	184	101965	8.29	ng	#	92
77) Pyrene	13.18	202	1060086	47.03	ng		99
79) Butylbenzylphthalate	14.00	149	512495	53.36	ng	#	83
80) Benzo(a)anthracene	14.66	228	803457	44.36	ng		98
81) 3,3'-Dichlorobenzidine	14.63	252	206997	31.97	ng	#	95
82) Chrysene	14.70	228	713967	42.48	ng		99
83) Bis(2-ethylhexyl)phthalate	14.72	149	689941	52.65	ng	#	99
84) Di-n-octyl phthalate	15.47	149	1090463	49.81	ng		98
85) Indeno(1,2,3-cd)pyrene	17.67	276	712403	48.94	ng		99
87) Benzo(b)fluoranthene	15.89	252	772478	43.41	ng		98
88) Benzo(k)fluoranthene	15.92	252	700313m	40.22	ng		
89) Benzo(a)pyrene	16.24	252	724152	44.19	ng		98
90) Dibenzo(a,h)anthracene	17.69	278	606464	43.70	ng		98
91) Benzo(g,h,i)perylene	18.08	276	566213	40.48	ng		98

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

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