Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030117\
Data File : BF093290.D
Acq On : 1 Mar 2017 15:31
Operator : SJ/MA
Sample : PB97251BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97251BS

Manual Integrations APPROVED
mohammad
3/2/2017 1:42:28 PM

Quant Time: Mar 02 00:14:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	142347	20.00	ng		-0.05
21) Naphthalene-d8	8.09	136	525621	20.00	ng		-0.06
38) Acenaphthene-d10	9.85	164	258218	20.00	ng		-0.05
63) Phenanthrene-d10	11.33	188	467472	20.00	ng		-0.05
75) Chrysene-d12	13.97	240	366483	20.00	ng		-0.05
86) Perylene-d12	15.39	264	281355	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1103552	133.00	ng		-0.03
7) Phenol-d6	6.46	99	1329269	124.51	ng		-0.02
23) Nitrobenzene-d5	7.38	82	792190	83.93	ng		-0.05
41) 2,4,6-Tribromophenol	10.65	330	277562	148.62	ng		-0.03
44) 2-Fluorobiphenyl	9.17	172	1471301	103.23	ng		-0.05
78) Terphenyl-d14	12.92	244	1329735	85.25	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	163498	36.47	ng	#	83
3) Pyridine	3.10	79	459518	40.31	ng		89
4) n-Nitrosodimethylamine	3.06	42	264139	49.35	ng		84
6) Aniline	6.48	93	297718	20.44	ng	#	35
8) 2-Chlorophenol	6.60	128	398973	43.59	ng		91
9) Benzaldehyde	6.35	77	133466	17.45	ng		88
10) Phenol	6.48	94	566568	45.36	ng		85
11) bis(2-Chloroethyl)ether	6.54	93	425976	42.73	ng		92
12) 1,3-Dichlorobenzene	6.75	146	451758	42.14	ng		97
13) 1,4-Dichlorobenzene	6.82	146	450284	41.50	ng		98
14) 1,2-Dichlorobenzene	6.98	146	431871	41.62	ng		97
15) Benzyl Alcohol	6.96	79	315147	39.87	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	682312	39.39	ng		89
17) 2-Methylphenol	7.08	107	318445	40.55	ng		95
18) Hexachloroethane	7.31	117	142125	38.37	ng	#	87
19) n-Nitroso-di-n-propylamine	7.23	70	307842	45.30	ng		98
20) 3+4-Methylphenols	7.24	107	441403	47.01	ng	#	72
22) Acetophenone	7.22	105	534135	44.51	ng	#	99
24) Nitrobenzene	7.40	77	449540	46.38	ng	#	87
25) Isophorone	7.64	82	776810	44.17	ng		98
26) 2-Nitrophenol	7.71	139	201582	43.75	ng		91
27) 2,4-Dimethylphenol	7.77	122	341641	42.22	ng		93
28) bis(2-Chloroethoxy)methane	7.85	93	516622	44.35	ng		99
29) 2,4-Dichlorophenol	7.96	162	338408	44.84	ng		90
30) 1,2,4-Trichlorobenzene	8.04	180	345360	42.47	ng		98
31) Naphthalene	8.11	128	1052311	39.49	ng		99
32) Benzoic acid	7.90	122	174540	39.56	ng		97
33) 4-Chloroaniline	8.18	127	149786	14.33	ng		95
34) Hexachlorobutadiene	8.22	225	168291	37.61	ng		100
35) Caprolactam	8.54	113	106768	44.98	ng	#	29
36) 4-Chloro-3-methylphenol	8.67	107	345989	43.98	ng		99
37) 2-Methylnaphthalene	8.81	142	758350	44.33	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	323470	44.63	ng		98
40) Hexachlorocyclopentadiene	8.96	237	180437	55.17	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	217825	45.73	ng		94
43) 2,4,5-Trichlorophenol	9.14	196	225365	43.19	ng		94
45) 1,1'-Biphenyl	9.26	154	854576	45.70	ng		96
46) 2-Chloronaphthalene	9.30	162	726839	49.69	ng		97
47) 2-Nitroaniline	9.40	65	251633	51.17	ng		94
48) Acenaphthylene	9.71	152	1095182	43.34	ng		98
49) Dimethylphthalate	9.57	163	805612	46.32	ng		99
50) 2,6-Dinitrotoluene	9.64	165	170382	45.36	ng	#	76
51) Acenaphthene	9.88	154	661241	43.77	ng		97
52) 3-Nitroaniline	9.81	138	102870	23.93	ng		91
53) 2,4-Dinitrophenol	9.94	184	93353	50.70	ng	#	88
54) Dibenzofuran	10.05	168	911085	45.09	ng		95
55) 4-Nitrophenol	10.01	139	204697	66.12	ng	#	70
56) 2,4-Dinitrotoluene	10.05	165	214679	42.93	ng	#	92
57) Fluorene	10.40	166	736698	47.39	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.18	232	176652	50.74	ng		95
59) Diethylphthalate	10.27	149	756677	46.16	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	330916	44.31	ng		90
61) 4-Nitroaniline	10.43	138	193557	43.96	ng		92
62) Azobenzene	10.54	77	895475	52.88	ng		98
64) 4,6-Dinitro-2-methylphenol	10.46	198	82361	30.00	ng	#	56
65) n-Nitrosodiphenylamine	10.51	169	672922	45.06	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	206142	42.21	ng		93
67) Hexachlorobenzene	10.94	284	195015	40.41	ng	#	89
68) Atrazine	11.04	200	195138	40.72	ng		99
69) Pentachlorophenol	11.15	266	144415	59.95	ng		97
70) Phenanthrene	11.36	178	1008546	37.66	ng		99
71) Anthracene	11.41	178	1181226	43.92	ng		98
72) Carbazole	11.57	167	1076764	41.88	ng		98
73) Di-n-butylphthalate	11.89	149	1280722	46.06	ng	#	97
74) Fluoranthene	12.55	202	1037424	37.55	ng		99
76) Benzidine	12.67	184	230774	14.78	ng		96
77) Pyrene	12.77	202	1075874	39.23	ng		99
79) Butylbenzylphthalate	13.39	149	553663	49.71	ng		88
80) Benzo(a)anthracene	13.96	228	916984	40.91	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	205686	25.74	ng	#	96
82) Chrysene	14.01	228	906066	43.17	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	752528	49.41	ng	#	96
84) Di-n-octyl phthalate	14.56	149	1150757	46.40	ng		98
85) Indeno(1,2,3-cd)pyrene	16.80	276	725480	44.63	ng	#	94
87) Benzo(b)fluoranthene	14.99	252	729651m	39.40	ng		
88) Benzo(k)fluoranthene	15.03	252	759299m	47.49	ng		
89) Benzo(a)pyrene	15.35	252	701663	43.80	ng		97
90) Dibenzo(a,h)anthracene	16.81	278	605748	46.79	ng		99
91) Benzo(g,h,i)perylene	17.22	276	641362	49.04	ng	#	94

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

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