Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031317\
Data File : BF093609.D
Acq On : 13 Mar 2017 16:07
Operator : SJ/MA
Sample : PB97540BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97540BS

Manual Integrations APPROVED
mohammad
3/15/2017 5:38:01 PM

Quant Time: Mar 14 01:31:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	164317	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	691794	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	316997	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	536280	20.00	ng		0.00
75) Chrysene-d12	13.90	240	338336	20.00	ng		0.01
86) Perylene-d12	15.31	264	265589	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1261017	127.73	ng		-0.01
7) Phenol-d6	6.38	99	1574300	126.45	ng		0.00
23) Nitrobenzene-d5	7.29	82	1013856	81.31	ng		-0.01
41) 2,4,6-Tribromophenol	10.56	330	278229	134.72	ng		0.01
44) 2-Fluorobiphenyl	9.09	172	1582302	92.84	ng		0.00
78) Terphenyl-d14	12.84	244	1160766	89.20	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	154574	28.42	ng	#	81
3) Pyridine	2.89	79	380649	27.45	ng		87
4) n-Nitrosodimethylamine	2.85	42	259942	39.25	ng		84
6) Aniline	6.38	93	454370	26.59	ng	#	79
8) 2-Chlorophenol	6.50	128	456242	41.24	ng		94
9) Benzaldehyde	6.29	77	40263	3.50	ng		95
10) Phenol	6.39	94	622444	40.80	ng		80
11) bis(2-Chloroethyl)ether	6.45	93	540959	43.87	ng		91
12) 1,3-Dichlorobenzene	6.64	146	501904	39.64	ng	#	89
13) 1,4-Dichlorobenzene	6.72	146	513014	39.57	ng		100
14) 1,2-Dichlorobenzene	6.88	146	445546	38.81	ng		96
15) Benzyl Alcohol	6.87	79	404134	45.54	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.00	45	798804	39.00	ng	#	47
17) 2-Methylphenol	7.00	107	391118	41.80	ng	#	89
18) Hexachloroethane	7.21	117	173640	39.72	ng		97
19) n-Nitroso-di-n-propylamine	7.13	70	334127	39.04	ng		90
20) 3+4-Methylphenols	7.16	107	528875	43.59	ng	#	73
22) Acetophenone	7.13	105	640445	38.47	ng	#	97
24) Nitrobenzene	7.30	77	527695	37.66	ng		96
25) Isophorone	7.54	82	964951	38.38	ng	#	93
26) 2-Nitrophenol	7.62	139	264955	41.44	ng		91
27) 2,4-Dimethylphenol	7.68	122	399656	38.43	ng		95
28) bis(2-Chloroethoxy)methane	7.76	93	623761	39.30	ng		100
29) 2,4-Dichlorophenol	7.89	162	404706	41.36	ng		94
30) 1,2,4-Trichlorobenzene	7.94	180	393433	37.81	ng		95
31) Naphthalene	8.02	128	1301839	37.55	ng		99
32) Benzoic acid	7.85	122	283362	52.43	ng		98
33) 4-Chloroaniline	8.09	127	291918	20.75	ng		98
34) Hexachlorobutadiene	8.14	225	208041	38.82	ng		98
35) Caprolactam	8.47	113	134006	40.10	ng	#	28
36) 4-Chloro-3-methylphenol	8.60	107	456657	43.73	ng		99
37) 2-Methylnaphthalene	8.72	142	874146	39.63	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	366714	42.37	ng		99
40) Hexachlorocyclopentadiene	8.87	237	186008	84.38	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	258423	47.78	ng		94
43) 2,4,5-Trichlorophenol	9.06	196	266982	46.01	ng		97
45) 1,1'-Biphenyl	9.18	154	980064	42.44	ng		95
46) 2-Chloronaphthalene	9.21	162	840880	47.57	ng		97
47) 2-Nitroaniline	9.33	65	303305	48.54	ng		88
48) Acenaphthylene	9.62	152	1291450	44.30	ng		99
49) Dimethylphthalate	9.50	163	972197	46.26	ng		100
50) 2,6-Dinitrotoluene	9.57	165	227670	49.37	ng	#	83
51) Acenaphthene	9.80	154	762833	44.25	ng		97
52) 3-Nitroaniline	9.74	138	164527	29.70	ng		90
53) 2,4-Dinitrophenol	9.86	184	111352m	53.02	ng		
54) Dibenzofuran	9.97	168	1056741	48.98	ng		99
55) 4-Nitrophenol	9.94	139	196964m	73.20	ng		
56) 2,4-Dinitrotoluene	9.98	165	281613	49.71	ng	#	91
57) Fluorene	10.31	166	796155	43.54	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	208027	50.80	ng		97
59) Diethylphthalate	10.20	149	968293	48.21	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	365696	44.62	ng		96
61) 4-Nitroaniline	10.37	138	230779	40.73	ng		87
62) Azobenzene	10.46	77	1159490	50.80	ng		91
64) 4,6-Dinitro-2-methylphenol	10.40	198	116607	33.56	ng		87
65) n-Nitrosodiphenylamine	10.42	169	719011	40.15	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	218008	38.44	ng		95
67) Hexachlorobenzene	10.86	284	216355	39.95	ng	#	75
68) Atrazine	10.96	200	195598	37.32	ng		100
69) Pentachlorophenol	11.08	266	130893	70.01	ng		99
70) Phenanthrene	11.27	178	1197299	39.11	ng		99
71) Anthracene	11.33	178	1243492	40.16	ng		99
72) Carbazole	11.49	167	1032819	35.51	ng		99
73) Di-n-butylphthalate	11.82	149	1348859	40.08	ng	#	95
74) Fluoranthene	12.47	202	1137069	38.46	ng		93
76) Benzidine	12.61	184	82700	7.43	ng		96
77) Pyrene	12.70	202	1102640	44.81	ng		98
79) Butylbenzylphthalate	13.31	149	479510	46.29	ng		96
80) Benzo(a)anthracene	13.89	228	849012	42.49	ng		99
81) 3,3'-Dichlorobenzidine	13.85	252	245925	35.14	ng	#	95
82) Chrysene	13.92	228	698292	37.77	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	621764	43.07	ng		99
84) Di-n-octyl phthalate	14.48	149	977736	40.63	ng		99
85) Indeno(1,2,3-cd)pyrene	16.67	276	783060	50.61	ng	#	94
87) Benzo(b)fluoranthene	14.91	252	834748m	51.61	ng		
88) Benzo(k)fluoranthene	14.94	252	499646m	32.03	ng		
89) Benzo(a)pyrene	15.25	252	650487	44.00	ng		97
90) Dibenzo(a,h)anthracene	16.67	278	657331	53.75	ng		96
91) Benzo(g,h,i)perylene	17.08	276	694343	55.32	ng	#	91

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

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