Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092643.D
Acq On : 30 Jan 2017 19:43
Operator : SJ/MA
Sample : PB96532BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96532BS

Manual Integrations APPROVED
mohammad
1/31/2017 4:45:34 PM

Quant Time: Jan 31 01:19:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	163666	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	659655	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	378369	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	630052	20.00	ng		0.00
75) Chrysene-d12	14.13	240	465845	20.00	ng		-0.01
86) Perylene-d12	15.61	264	359920	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1182449	123.95	ng		0.01
7) Phenol-d6	6.60	99	1545402	125.90	ng		0.00
23) Nitrobenzene-d5	7.53	82	918029	77.50	ng		-0.01
41) 2,4,6-Tribromophenol	10.81	330	369164	134.90	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1848070	88.49	ng		0.00
78) Terphenyl-d14	13.08	244	1484088	74.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	209335	40.61	ng	#	83
3) Pyridine	3.46	79	523818	39.96	ng		89
4) n-Nitrosodimethylamine	3.41	42	297934	48.41	ng		87
6) Aniline	6.62	93	365779	21.85	ng	#	82
8) 2-Chlorophenol	6.75	128	442968	42.09	ng		99
9) Benzaldehyde	6.50	77	162207	18.45	ng		87
10) Phenol	6.62	94	514346	35.82	ng		90
11) bis(2-Chloroethyl)ether	6.69	93	432447	37.73	ng		91
12) 1,3-Dichlorobenzene	6.90	146	485726m	39.40	ng		
13) 1,4-Dichlorobenzene	6.98	146	512766	41.10	ng		96
14) 1,2-Dichlorobenzene	7.13	146	456690	38.28	ng		97
15) Benzyl Alcohol	7.10	79	371897	40.93	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	757331	38.03	ng		93
17) 2-Methylphenol	7.23	107	396789	43.95	ng		98
18) Hexachloroethane	7.47	117	174361	40.94	ng		88
19) n-Nitroso-di-n-propylamine	7.38	70	321235	41.11	ng		96
20) 3+4-Methylphenols	7.38	107	459914	42.60	ng		93
22) Acetophenone	7.37	105	635598	42.20	ng	#	95
24) Nitrobenzene	7.55	77	525090	43.17	ng		92
25) Isophorone	7.79	82	924879	41.90	ng		99
26) 2-Nitrophenol	7.87	139	262578	45.41	ng	#	82
27) 2,4-Dimethylphenol	7.90	122	440453	43.38	ng		100
28) bis(2-Chloroethoxy)methane	8.00	93	567401	38.81	ng		99
29) 2,4-Dichlorophenol	8.11	162	394163	41.62	ng		91
30) 1,2,4-Trichlorobenzene	8.19	180	407261	39.91	ng		96
31) Naphthalene	8.27	128	1258495	37.63	ng		99
32) Benzoic acid	8.03	122	324726	55.18	ng		96
33) 4-Chloroaniline	8.33	127	224151	17.09	ng		96
34) Hexachlorobutadiene	8.38	225	215684	38.41	ng		99
35) Caprolactam	8.69	113	138709m	46.56	ng		
36) 4-Chloro-3-methylphenol	8.82	107	469054	47.51	ng		96
37) 2-Methylnaphthalene	8.97	142	939265	43.75	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	396750	37.36	ng		99
40) Hexachlorocyclopentadiene	9.12	237	381497	79.61	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	316313	45.32	ng		94
43) 2,4,5-Trichlorophenol	9.29	196	301024	39.37	ng		95
45) 1,1'-Biphenyl	9.44	154	1127475	41.15	ng		98
46) 2-Chloronaphthalene	9.46	162	894189	41.72	ng		97
47) 2-Nitroaniline	9.55	65	274545	38.10	ng		97
48) Acenaphthylene	9.87	152	1336621	36.10	ng		99
49) Dimethylphthalate	9.73	163	1042067	40.89	ng		100
50) 2,6-Dinitrotoluene	9.79	165	232473	42.24	ng	#	70
51) Acenaphthene	10.04	154	903948	40.83	ng		96
52) 3-Nitroaniline	9.96	138	139088	22.08	ng		99
53) 2,4-Dinitrophenol	10.08	184	240405	85.52	ng		94
54) Dibenzofuran	10.21	168	1167312	39.43	ng		97
55) 4-Nitrophenol	10.14	139	404865	89.24	ng		90
56) 2,4-Dinitrotoluene	10.20	165	335339	45.76	ng		84
57) Fluorene	10.56	166	868936	38.15	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.34	232	246158	48.26	ng		96
59) Diethylphthalate	10.43	149	996992	41.51	ng		99
60) 4-Chlorophenyl-phenylether	10.54	204	408817	37.36	ng		97
61) 4-Nitroaniline	10.58	138	249545	38.68	ng		94
62) Azobenzene	10.70	77	1092306	44.02	ng		97
64) 4,6-Dinitro-2-methylphenol	10.61	198	151534	39.99	ng		82
65) n-Nitrosodiphenylamine	10.67	169	827075	41.09	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	252088	38.30	ng		95
67) Hexachlorobenzene	11.10	284	263783	40.55	ng	#	93
68) Atrazine	11.20	200	242953	37.61	ng		99
69) Pentachlorophenol	11.30	266	276602	82.16	ng		97
70) Phenanthrene	11.52	178	1358335	37.63	ng		99
71) Anthracene	11.57	178	1440725	39.74	ng		98
72) Carbazole	11.73	167	1381417	39.87	ng		98
73) Di-n-butylphthalate	12.05	149	1545384	41.24	ng	#	98
74) Fluoranthene	12.70	202	1344022	36.10	ng		98
76) Benzidine	12.83	184	270396	13.62	ng		96
77) Pyrene	12.93	202	1443836	41.42	ng		99
79) Butylbenzylphthalate	13.55	149	611934	43.22	ng		97
80) Benzo(a)anthracene	14.12	228	1098500	38.55	ng		100
81) 3,3'-Dichlorobenzidine	14.09	252	298893	29.43	ng	#	96
82) Chrysene	14.17	228	1124900	42.17	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	898126	46.39	ng	#	97
84) Di-n-octyl phthalate	14.73	149	1436106	45.55	ng		100
85) Indeno(1,2,3-cd)pyrene	17.08	276	839358	40.62	ng		96
87) Benzo(b)fluoranthene	15.17	252	1112402m	46.96	ng		
88) Benzo(k)fluoranthene	15.21	252	659290m	32.23	ng		
89) Benzo(a)pyrene	15.55	252	854444	41.70	ng	#	96
90) Dibenzo(a,h)anthracene	17.11	278	703776	42.49	ng		98
91) Benzo(g,h,i)perylene	17.53	276	715274	42.75	ng	#	91

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

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