Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030717\
Data File : BF093423.D
Acq On : 7 Mar 2017 17:15
Operator : SJ/MA
Sample : PB97390BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97390BSD

Manual Integrations APPROVED
mohammad
3/8/2017 1:45:54 PM

Quant Time: Mar 08 00:42:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	177955	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	691251	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	333659	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	603370	20.00	ng		0.01
75) Chrysene-d12	13.93	240	503153	20.00	ng		0.01
86) Perylene-d12	15.34	264	397541	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	970172	90.74	ng		0.01
7) Phenol-d6	6.41	99	1131432	83.91	ng		0.00
23) Nitrobenzene-d5	7.34	82	1014065	81.40	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	211454	97.27	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	1743444	97.19	ng		0.00
78) Terphenyl-d14	12.87	244	1399594	72.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	199862	33.94	ng	#	84
3) Pyridine	3.05	79	553275	36.85	ng		89
4) n-Nitrosodimethylamine	3.01	42	291171	40.60	ng		84
6) Aniline	6.42	93	403202	21.79	ng		98
8) 2-Chlorophenol	6.55	128	503751	42.05	ng		97
9) Benzaldehyde	6.31	77	98737	8.80	ng		83
10) Phenol	6.42	94	626511	37.92	ng		87
11) bis(2-Chloroethyl)ether	6.50	93	533907	39.98	ng		97
12) 1,3-Dichlorobenzene	6.70	146	539864	39.37	ng	#	93
13) 1,4-Dichlorobenzene	6.78	146	561481	39.99	ng		97
14) 1,2-Dichlorobenzene	6.94	146	474708m	38.18	ng		
15) Benzyl Alcohol	6.92	79	391960	40.78	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	885694	39.93	ng		89
17) 2-Methylphenol	7.04	107	423305	41.77	ng		94
18) Hexachloroethane	7.27	117	191202	40.38	ng		95
19) n-Nitroso-di-n-propylamine	7.19	70	395553	42.67	ng		98
20) 3+4-Methylphenols	7.20	107	576708	43.88	ng	#	74
22) Acetophenone	7.18	105	704130	42.33	ng	#	98
24) Nitrobenzene	7.36	77	589550	42.10	ng		92
25) Isophorone	7.60	82	1060263	42.20	ng		97
26) 2-Nitrophenol	7.68	139	282291	44.19	ng	#	84
27) 2,4-Dimethylphenol	7.73	122	500844	48.19	ng		94
28) bis(2-Chloroethoxy)methane	7.81	93	643919	40.60	ng		98
29) 2,4-Dichlorophenol	7.92	162	437563	44.76	ng		87
30) 1,2,4-Trichlorobenzene	8.00	180	442196	42.53	ng		99
31) Naphthalene	8.07	128	1368911	39.52	ng		99
32) Benzoic acid	7.89	122	290722	53.83	ng		97
33) 4-Chloroaniline	8.14	127	259545	18.46	ng		99
34) Hexachlorobutadiene	8.18	225	219243	40.94	ng		98
35) Caprolactam	8.52	113	152276m	45.61	ng		
36) 4-Chloro-3-methylphenol	8.64	107	459765	44.06	ng		90
37) 2-Methylnaphthalene	8.77	142	913260	41.44	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	409141	44.91	ng		100
40) Hexachlorocyclopentadiene	8.92	237	221419	93.85	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	272207	47.82	ng		90
43) 2,4,5-Trichlorophenol	9.11	196	276429	45.26	ng	#	85
45) 1,1'-Biphenyl	9.24	154	1118161	46.00	ng		99
46) 2-Chloronaphthalene	9.26	162	896314	48.18	ng		97
47) 2-Nitroaniline	9.36	65	288529	43.87	ng		93
48) Acenaphthylene	9.67	152	1347337	43.91	ng		99
49) Dimethylphthalate	9.53	163	1017738	46.01	ng		98
50) 2,6-Dinitrotoluene	9.61	165	227484	46.87	ng	#	75
51) Acenaphthene	9.84	154	829926	45.74	ng		97
52) 3-Nitroaniline	9.77	138	140268	24.05	ng		91
53) 2,4-Dinitrophenol	9.90	184	180424	81.62	ng	#	71
54) Dibenzofuran	10.01	168	1175307	51.75	ng		95
55) 4-Nitrophenol	9.97	139	291273	102.84	ng		89
56) 2,4-Dinitrotoluene	10.01	165	268075	44.96	ng	#	65
57) Fluorene	10.36	166	961628	49.97	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	232526	53.94	ng		95
59) Diethylphthalate	10.23	149	937485	44.34	ng		99
60) 4-Chlorophenyl-phenylether	10.34	204	427664	49.58	ng		89
61) 4-Nitroaniline	10.39	138	254790	42.72	ng		95
62) Azobenzene	10.50	77	1256365	52.30	ng		96
64) 4,6-Dinitro-2-methylphenol	10.44	198	138100	35.33	ng		90
65) n-Nitrosodiphenylamine	10.47	169	885475	43.95	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	262299	41.11	ng	#	83
67) Hexachlorobenzene	10.90	284	265634	43.60	ng		99
68) Atrazine	11.00	200	244964	41.54	ng		99
69) Pentachlorophenol	11.11	266	206732	98.28	ng		99
70) Phenanthrene	11.32	178	1459052	42.36	ng		98
71) Anthracene	11.36	178	1373089	39.41	ng		99
72) Carbazole	11.52	167	1291054	39.45	ng		100
73) Di-n-butylphthalate	11.85	149	1673653	44.20	ng	#	96
74) Fluoranthene	12.50	202	1486412	44.68	ng		94
76) Benzidine	12.63	184	442942	26.77	ng		97
77) Pyrene	12.73	202	1478940	40.42	ng		99
79) Butylbenzylphthalate	13.34	149	658166	42.73	ng		99
80) Benzo(a)anthracene	13.92	228	1209851	40.72	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	285587	27.44	ng		98
82) Chrysene	13.96	228	1095722	39.86	ng		100
83) Bis(2-ethylhexyl)phthalate	13.90	149	900256	41.93	ng		98
84) Di-n-octyl phthalate	14.51	149	1527093	42.67	ng		100
85) Indeno(1,2,3-cd)pyrene	16.71	276	894646	38.88	ng	#	93
87) Benzo(b)fluoranthene	14.94	252	988086m	40.81	ng		
88) Benzo(k)fluoranthene	14.97	252	1049326m	44.94	ng		
89) Benzo(a)pyrene	15.28	252	939555	42.46	ng		97
90) Dibenzo(a,h)anthracene	16.71	278	750037	40.97	ng		95
91) Benzo(g,h,i)perylene	17.12	276	777467	41.38	ng	#	92

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

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