Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
Data File : BF093321.D
Acq On : 2 Mar 2017 14:15
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
3/3/2017 5:16:30 PM

Quant Time: Mar 03 00:39:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 03 00:22:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	163640	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	669144	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	355458	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	587334	20.00	ng		0.00
75) Chrysene-d12	13.99	240	539568	20.00	ng		0.00
86) Perylene-d12	15.40	264	456568	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	817751	85.73	ng		-0.01
7) Phenol-d6	6.44	99	980710	79.91	ng		-0.01
23) Nitrobenzene-d5	7.38	82	982826	81.79	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	193967	75.45	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1369026	69.78	ng		0.00
78) Terphenyl-d14	12.93	244	1616109	70.38	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	203479	39.48	ng	#	84
3) Pyridine	3.00	79	565777	43.17	ng		89
4) n-Nitrosodimethylamine	2.97	42	270779	44.00	ng		91
6) Aniline	6.45	93	654844	39.12	ng	#	68
8) 2-Chlorophenol	6.58	128	429535	40.82	ng		90
9) Benzaldehyde	6.34	77	299899	34.11	ng		90
10) Phenol	6.46	94	581170	40.48	ng		93
11) bis(2-Chloroethyl)ether	6.53	93	440839	38.46	ng		90
12) 1,3-Dichlorobenzene	6.74	146	500325	40.59	ng		98
13) 1,4-Dichlorobenzene	6.81	146	495869	39.75	ng		99
14) 1,2-Dichlorobenzene	6.97	146	483766	40.56	ng		98
15) Benzyl Alcohol	6.96	79	336805	37.07	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.08	45	780096	39.18	ng		91
17) 2-Methylphenol	7.07	107	354521	39.27	ng		96
18) Hexachloroethane	7.31	117	173667	40.78	ng		91
19) n-Nitroso-di-n-propylamine	7.22	70	304888	39.03	ng		95
20) 3+4-Methylphenols	7.23	107	467721	43.33	ng	#	77
22) Acetophenone	7.22	105	608540	39.83	ng	#	97
24) Nitrobenzene	7.39	77	478782	38.80	ng		100
25) Isophorone	7.63	82	894973	39.97	ng		94
26) 2-Nitrophenol	7.71	139	248324	42.34	ng		95
27) 2,4-Dimethylphenol	7.76	122	365438	35.48	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	628969	42.41	ng		99
29) 2,4-Dichlorophenol	7.96	162	382327	39.80	ng		95
30) 1,2,4-Trichlorobenzene	8.03	180	395418	38.20	ng	#	94
31) Naphthalene	8.11	128	1257171	37.06	ng		99
32) Benzoic acid	7.90	122	214166	38.38	ng		97
33) 4-Chloroaniline	8.17	127	525734	39.52	ng		94
34) Hexachlorobutadiene	8.22	225	205056	36.00	ng		100
35) Caprolactam	8.56	113	133905	44.31	ng	#	31
36) 4-Chloro-3-methylphenol	8.67	107	437801	43.71	ng		96
37) 2-Methylnaphthalene	8.81	142	838546	38.50	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	410547	41.15	ng		99
40) Hexachlorocyclopentadiene	8.96	237	82481	18.32	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	252728	38.55	ng		91
43) 2,4,5-Trichlorophenol	9.15	196	278672	38.79	ng	#	83
45) 1,1'-Biphenyl	9.28	154	1045128	40.60	ng		97
46) 2-Chloronaphthalene	9.30	162	776758	38.58	ng		95
47) 2-Nitroaniline	9.40	65	300842	44.44	ng		90
48) Acenaphthylene	9.72	152	1356150	38.99	ng		98
49) Dimethylphthalate	9.58	163	987688	41.25	ng		100
50) 2,6-Dinitrotoluene	9.65	165	236822	45.80	ng	#	90
51) Acenaphthene	9.89	154	786531	37.82	ng		96
52) 3-Nitroaniline	9.82	138	279791	47.28	ng		94
53) 2,4-Dinitrophenol	9.94	184	99784	40.43	ng	#	47
54) Dibenzofuran	10.06	168	1043121	37.50	ng		92
55) 4-Nitrophenol	10.01	139	141416	33.18	ng		85
56) 2,4-Dinitrotoluene	10.06	165	280875	40.80	ng		95
57) Fluorene	10.41	166	891888	41.68	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.19	232	195372	40.77	ng		97
59) Diethylphthalate	10.28	149	898348	39.81	ng		98
60) 4-Chlorophenyl-phenylether	10.40	204	394235	38.35	ng		87
61) 4-Nitroaniline	10.44	138	245193	40.46	ng		93
62) Azobenzene	10.56	77	940381	40.34	ng		97
64) 4,6-Dinitro-2-methylphenol	10.48	198	147801	41.71	ng	#	61
65) n-Nitrosodiphenylamine	10.52	169	761964	40.61	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	242057	39.45	ng		94
67) Hexachlorobenzene	10.96	284	225904	37.25	ng	#	87
68) Atrazine	11.06	200	265599	44.11	ng		92
69) Pentachlorophenol	11.16	266	92772	34.17	ng		97
70) Phenanthrene	11.37	178	1208176	35.90	ng		99
71) Anthracene	11.42	178	1397354	41.35	ng		98
72) Carbazole	11.58	167	1274435	39.45	ng		99
73) Di-n-butylphthalate	11.90	149	1447135	41.43	ng		98
74) Fluoranthene	12.56	202	1330185	38.32	ng		96
76) Benzidine	12.68	184	322655	14.03	ng		98
77) Pyrene	12.78	202	1342491	33.25	ng		99
79) Butylbenzylphthalate	13.40	149	669080	40.80	ng		89
80) Benzo(a)anthracene	13.97	228	1213742	36.78	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	451696	38.40	ng	#	95
82) Chrysene	14.01	228	1087513	35.20	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	873523	38.95	ng		99
84) Di-n-octyl phthalate	14.57	149	1643334	45.00	ng		99
85) Indeno(1,2,3-cd)pyrene	16.81	276	905285	37.83	ng	#	94
87) Benzo(b)fluoranthene	15.00	252	1186472m	39.48	ng		
88) Benzo(k)fluoranthene	15.03	252	994921m	38.34	ng		
89) Benzo(a)pyrene	15.35	252	1025156	39.44	ng	#	96
90) Dibenzo(a,h)anthracene	16.81	278	780157	37.13	ng		98
91) Benzo(g,h,i)perylene	17.22	276	782665	36.88	ng	#	92

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

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