Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
Data File : BF092639.D
Acq On : 30 Jan 2017 17:44
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
1/31/2017 4:45:04 PM

Quant Time: Jan 30 18:12:18 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	6.97	152	153538	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	628515	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	333950	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	544217	20.00	ng		0.00
75) Chrysene-d12	14.13	240	415720	20.00	ng		-0.01
86) Perylene-d12	15.61	264	316541	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	780639	87.23	ng		-0.01
7) Phenol-d6	6.60	99	923986	80.24	ng		0.00
23) Nitrobenzene-d5	7.54	82	945391	83.76	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	198394	82.14	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1513052	82.08	ng		0.00
78) Terphenyl-d14	13.08	244	1461218	82.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	234395	48.47	ng	#	85
3) Pyridine	3.37	79	658675	53.57	ng		90
4) n-Nitrosodimethylamine	3.32	42	283661	49.13	ng		84
6) Aniline	6.62	93	651939	41.51	ng	#	56
8) 2-Chlorophenol	6.75	128	420280	42.57	ng		99
9) Benzaldehyde	6.51	77	350443	42.48	ng		99
10) Phenol	6.61	94	492603	36.56	ng		98
11) bis(2-Chloroethyl)ether	6.69	93	421080	39.16	ng		91
12) 1,3-Dichlorobenzene	6.90	146	463423m	40.07	ng		
13) 1,4-Dichlorobenzene	6.98	146	477825	40.83	ng		97
14) 1,2-Dichlorobenzene	7.14	146	483132	43.17	ng		94
15) Benzyl Alcohol	7.10	79	334205	39.20	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	738184	39.51	ng		95
17) 2-Methylphenol	7.23	107	379228	44.77	ng		97
18) Hexachloroethane	7.48	117	170444	42.66	ng		96
19) n-Nitroso-di-n-propylamine	7.38	70	275956	37.65	ng		96
20) 3+4-Methylphenols	7.38	107	408004	40.29	ng	#	76
22) Acetophenone	7.38	105	561598	39.14	ng	#	93
24) Nitrobenzene	7.55	77	447767	38.64	ng		98
25) Isophorone	7.79	82	837271	39.81	ng		96
26) 2-Nitrophenol	7.87	139	246775	44.79	ng		89
27) 2,4-Dimethylphenol	7.92	122	398311	41.17	ng		92
28) bis(2-Chloroethoxy)methane	8.01	93	550657	39.53	ng		98
29) 2,4-Dichlorophenol	8.11	162	354837	39.32	ng		88
30) 1,2,4-Trichlorobenzene	8.19	180	377818	38.85	ng	#	94
31) Naphthalene	8.28	128	1255354	39.40	ng		99
32) Benzoic acid	8.03	122	213750	40.34	ng		94
33) 4-Chloroaniline	8.33	127	509321	40.76	ng		99
34) Hexachlorobutadiene	8.40	225	214950	40.18	ng		98
35) Caprolactam	8.70	113	121210	42.70	ng	#	81
36) 4-Chloro-3-methylphenol	8.82	107	386675	41.10	ng		86
37) 2-Methylnaphthalene	8.97	142	800641	39.14	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	370669	39.54	ng		99
40) Hexachlorocyclopentadiene	9.12	237	174354	41.22	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	253795	41.20	ng		96
43) 2,4,5-Trichlorophenol	9.29	196	268653	39.81	ng		94
45) 1,1'-Biphenyl	9.44	154	1022841	42.30	ng		100
46) 2-Chloronaphthalene	9.46	162	809941	42.82	ng		99
47) 2-Nitroaniline	9.55	65	236188	37.14	ng		93
48) Acenaphthylene	9.87	152	1222675	37.42	ng		98
49) Dimethylphthalate	9.73	163	868042	38.59	ng		99
50) 2,6-Dinitrotoluene	9.80	165	205876	42.38	ng	#	74
51) Acenaphthene	10.04	154	728332	37.28	ng		98
52) 3-Nitroaniline	9.97	138	240463	43.25	ng	#	72
53) 2,4-Dinitrophenol	10.06	184	91666	39.63	ng	#	47
54) Dibenzofuran	10.21	168	963788	36.88	ng		97
55) 4-Nitrophenol	10.13	139	155777	38.91	ng		95
56) 2,4-Dinitrotoluene	10.20	165	291352	45.05	ng	#	73
57) Fluorene	10.56	166	773648	38.48	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	202283	44.93	ng		92
59) Diethylphthalate	10.43	149	871368	41.11	ng		97
60) 4-Chlorophenyl-phenylether	10.54	204	371139	38.43	ng		98
61) 4-Nitroaniline	10.58	138	214339	37.64	ng		93
62) Azobenzene	10.70	77	844025	38.54	ng		96
64) 4,6-Dinitro-2-methylphenol	10.60	198	129388	39.56	ng	#	36
65) n-Nitrosodiphenylamine	10.67	169	704999	40.55	ng		100
66) 4-Bromophenyl-phenylether	11.04	248	220375	38.76	ng		94
67) Hexachlorobenzene	11.10	284	228244	40.62	ng	#	92
68) Atrazine	11.20	200	223403	40.04	ng		99
69) Pentachlorophenol	11.30	266	108694	41.30	ng		97
70) Phenanthrene	11.53	178	1200429	38.50	ng		97
71) Anthracene	11.57	178	1226784	39.18	ng		99
72) Carbazole	11.73	167	1300469	43.45	ng		98
73) Di-n-butylphthalate	12.05	149	1265685	39.10	ng	#	98
74) Fluoranthene	12.71	202	1221300	37.97	ng		98
76) Benzidine	12.83	184	689296	38.91	ng		99
77) Pyrene	12.95	202	1336136	42.95	ng		98
79) Butylbenzylphthalate	13.55	149	530423	41.98	ng		94
80) Benzo(a)anthracene	14.12	228	997787	39.24	ng		100
81) 3,3'-Dichlorobenzidine	14.09	252	352794	38.92	ng	#	98
82) Chrysene	14.17	228	1020856	42.88	ng		98
83) Bis(2-ethylhexyl)phthalate	14.11	149	755855	43.75	ng	#	96
84) Di-n-octyl phthalate	14.72	149	1150362	40.89	ng		100
85) Indeno(1,2,3-cd)pyrene	17.08	276	699892	37.96	ng		95
87) Benzo(b)fluoranthene	15.17	252	954752	45.82	ng		99
88) Benzo(k)fluoranthene	15.21	252	631263m	35.09	ng		
89) Benzo(a)pyrene	15.54	252	739511	41.03	ng	#	97
90) Dibenzo(a,h)anthracene	17.11	278	588940	40.43	ng		98
91) Benzo(g,h,i)perylene	17.53	276	596556	40.54	ng	#	90

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

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