Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
Data File : BF093239.D
Acq On : 28 Feb 2017 10:44
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/1/2017 4:05:43 PM

Quant Time: Feb 28 13:09:58 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	130326	20.00	ng		-0.05
21) Naphthalene-d8	8.10	136	527886	20.00	ng		-0.05
38) Acenaphthene-d10	9.85	164	255790	20.00	ng		-0.05
63) Phenanthrene-d10	11.33	188	467102	20.00	ng		-0.05
75) Chrysene-d12	13.97	240	368844	20.00	ng		-0.05
86) Perylene-d12	15.39	264	258429	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	624351	82.19	ng		-0.05
7) Phenol-d6	6.46	99	827327	84.64	ng		-0.02
23) Nitrobenzene-d5	7.38	82	710126	74.91	ng		-0.05
41) 2,4,6-Tribromophenol	10.64	330	145755	78.79	ng		-0.05
44) 2-Fluorobiphenyl	9.17	172	1276272	90.39	ng		-0.05
78) Terphenyl-d14	12.91	244	1183061	75.37	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	161058	39.24	ng		87
3) Pyridine	3.05	79	465318	44.58	ng		88
4) n-Nitrosodimethylamine	3.00	42	180767	36.88	ng	#	84
6) Aniline	6.48	93	537324	40.30	ng	#	81
8) 2-Chlorophenol	6.60	128	338669	40.41	ng		90
9) Benzaldehyde	6.36	77	246256	35.17	ng		95
10) Phenol	6.48	94	492963	43.11	ng		99
11) bis(2-Chloroethyl)ether	6.54	93	362882	39.76	ng		89
12) 1,3-Dichlorobenzene	6.75	146	406575	41.42	ng		98
13) 1,4-Dichlorobenzene	6.83	146	392866m	39.54	ng		
14) 1,2-Dichlorobenzene	6.98	146	383592	40.38	ng		97
15) Benzyl Alcohol	6.96	79	270384	37.37	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	651834	41.11	ng		99
17) 2-Methylphenol	7.08	107	297432	41.37	ng		97
18) Hexachloroethane	7.32	117	139438	41.11	ng		90
19) n-Nitroso-di-n-propylamine	7.23	70	267688	43.02	ng		96
20) 3+4-Methylphenols	7.24	107	397869	46.28	ng	#	72
22) Acetophenone	7.23	105	501356	41.60	ng	#	97
24) Nitrobenzene	7.40	77	432694	44.45	ng		92
25) Isophorone	7.64	82	740839	41.94	ng		99
26) 2-Nitrophenol	7.72	139	188091	40.65	ng	#	76
27) 2,4-Dimethylphenol	7.76	122	303690	37.37	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	444477	37.99	ng		99
29) 2,4-Dichlorophenol	7.96	162	302803	39.95	ng		91
30) 1,2,4-Trichlorobenzene	8.04	180	322953	39.54	ng		98
31) Naphthalene	8.12	128	1032651	38.59	ng		98
32) Benzoic acid	7.89	122	141373	33.29	ng		98
33) 4-Chloroaniline	8.18	127	401237	38.23	ng	#	93
34) Hexachlorobutadiene	8.24	225	166933	37.15	ng		99
35) Caprolactam	8.54	113	93905	39.39	ng	#	32
36) 4-Chloro-3-methylphenol	8.66	107	299931	37.96	ng		92
37) 2-Methylnaphthalene	8.81	142	682608	39.73	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	312031	43.46	ng		99
40) Hexachlorocyclopentadiene	8.96	237	127228	39.27	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	196192	41.58	ng		94
43) 2,4,5-Trichlorophenol	9.14	196	210931	40.80	ng	#	88
45) 1,1'-Biphenyl	9.28	154	787513	42.52	ng		99
46) 2-Chloronaphthalene	9.30	162	661807	45.68	ng		97
47) 2-Nitroaniline	9.40	65	231780	47.58	ng	#	82
48) Acenaphthylene	9.71	152	1090425	43.56	ng		99
49) Dimethylphthalate	9.57	163	709590	41.19	ng		99
50) 2,6-Dinitrotoluene	9.64	165	169923	45.67	ng	#	88
51) Acenaphthene	9.88	154	619880	41.42	ng		96
52) 3-Nitroaniline	9.81	138	205462	48.25	ng		92
53) 2,4-Dinitrophenol	9.93	184	81117	45.05	ng	#	75
54) Dibenzofuran	10.05	168	818606	40.90	ng		95
55) 4-Nitrophenol	10.00	139	109770	35.79	ng	#	73
56) 2,4-Dinitrotoluene	10.05	165	204073	41.20	ng	#	87
57) Fluorene	10.40	166	731523	47.50	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	149368	43.31	ng		95
59) Diethylphthalate	10.27	149	712226	43.86	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	300711	40.65	ng		90
61) 4-Nitroaniline	10.43	138	210857	48.35	ng		81
62) Azobenzene	10.54	77	756213	45.08	ng		98
64) 4,6-Dinitro-2-methylphenol	10.46	198	114671	40.76	ng		92
65) n-Nitrosodiphenylamine	10.51	169	613312	41.10	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	191460	39.23	ng	#	89
67) Hexachlorobenzene	10.94	284	182570	37.86	ng	#	93
68) Atrazine	11.04	200	174733	36.49	ng		99
69) Pentachlorophenol	11.15	266	76271	35.08	ng		98
70) Phenanthrene	11.36	178	991912	37.07	ng		98
71) Anthracene	11.41	178	1044161	38.85	ng		97
72) Carbazole	11.57	167	1013260	39.44	ng	#	97
73) Di-n-butylphthalate	11.89	149	1149683	41.38	ng	#	97
74) Fluoranthene	12.55	202	1033047	37.42	ng		96
76) Benzidine	12.67	184	637994	40.59	ng		99
77) Pyrene	12.77	202	1050973	38.07	ng		99
79) Butylbenzylphthalate	13.39	149	484809	43.25	ng	#	81
80) Benzo(a)anthracene	13.96	228	812849	36.03	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	299249	37.21	ng	#	95
82) Chrysene	14.00	228	761211	36.04	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	597502	38.98	ng	#	100
84) Di-n-octyl phthalate	14.56	149	1009838	40.45	ng		99
85) Indeno(1,2,3-cd)pyrene	16.79	276	535524	32.73	ng	#	94
87) Benzo(b)fluoranthene	14.99	252	753277m	44.28	ng		
88) Benzo(k)fluoranthene	15.01	252	543493m	37.01	ng		
89) Benzo(a)pyrene	15.33	252	581991	39.55	ng		98
90) Dibenzo(a,h)anthracene	16.79	278	457906	38.51	ng		96
91) Benzo(g,h,i)perylene	17.20	276	470438	39.16	ng	#	92

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

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