Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\
Data File : BF093005.D
Acq On : 17 Feb 2017 12:38
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/20/2017 12:59:33 PM

Quant Time: Feb 17 22:28:50 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	6.85	152	166184	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	662077	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	354809	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	606629	20.00	ng		0.00
75) Chrysene-d12	14.02	240	539283	20.00	ng		0.00
86) Perylene-d12	15.45	264	473776	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	809682	83.59	ng		0.00
7) Phenol-d6	6.49	99	1021356	81.95	ng		0.00
23) Nitrobenzene-d5	7.42	82	898725	75.59	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	203748	79.40	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1487947	75.98	ng		0.00
78) Terphenyl-d14	12.97	244	1725003	75.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	207183	39.58	ng	#	86
3) Pyridine	3.15	79	484142	36.38	ng		89
4) n-Nitrosodimethylamine	3.10	42	245433	39.27	ng		85
6) Aniline	6.51	93	684514	40.26	ng	#	83
8) 2-Chlorophenol	6.64	128	415868	38.92	ng		94
9) Benzaldehyde	6.40	77	301480	33.76	ng		90
10) Phenol	6.51	94	599383	41.10	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	424832	36.50	ng		92
12) 1,3-Dichlorobenzene	6.80	146	507613	40.56	ng		99
13) 1,4-Dichlorobenzene	6.88	146	508197m	40.12	ng		
14) 1,2-Dichlorobenzene	7.02	146	475965	39.29	ng		98
15) Benzyl Alcohol	7.00	79	372408	40.36	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	843832	41.73	ng		94
17) 2-Methylphenol	7.12	107	370762	40.44	ng		96
18) Hexachloroethane	7.37	117	173308	40.08	ng		96
19) n-Nitroso-di-n-propylamine	7.28	70	312220	39.35	ng		97
20) 3+4-Methylphenols	7.28	107	460743	42.03	ng		96
22) Acetophenone	7.26	105	572900	37.90	ng	#	92
24) Nitrobenzene	7.45	77	503815	41.27	ng	#	82
25) Isophorone	7.69	82	917300	41.40	ng		98
26) 2-Nitrophenol	7.76	139	224892	38.75	ng		94
27) 2,4-Dimethylphenol	7.80	122	413602	40.58	ng		96
28) bis(2-Chloroethoxy)methane	7.89	93	557093	37.97	ng		99
29) 2,4-Dichlorophenol	8.01	162	370306	38.96	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	405489	39.59	ng		99
31) Naphthalene	8.17	128	1342415	40.00	ng		98
32) Benzoic acid	7.93	122	187651	34.81	ng		97
33) 4-Chloroaniline	8.21	127	492146	37.39	ng		97
34) Hexachlorobutadiene	8.28	225	214120	37.99	ng		99
35) Caprolactam	8.59	113	125777	42.07	ng	#	31
36) 4-Chloro-3-methylphenol	8.70	107	418512	42.23	ng		91
37) 2-Methylnaphthalene	8.85	142	828455	38.44	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	399848	40.15	ng		99
40) Hexachlorocyclopentadiene	9.00	237	145377	32.35	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	257523	39.35	ng		95
43) 2,4,5-Trichlorophenol	9.17	196	271577	37.87	ng		94
45) 1,1'-Biphenyl	9.32	154	1069480	41.63	ng		99
46) 2-Chloronaphthalene	9.34	162	826067	41.10	ng		99
47) 2-Nitroaniline	9.45	65	277554	41.07	ng	#	63
48) Acenaphthylene	9.76	152	1269259	36.56	ng		99
49) Dimethylphthalate	9.62	163	904928	37.87	ng		98
50) 2,6-Dinitrotoluene	9.69	165	232550	45.06	ng		95
51) Acenaphthene	9.93	154	782996	37.72	ng		96
52) 3-Nitroaniline	9.86	138	280348	47.46	ng		81
53) 2,4-Dinitrophenol	9.96	184	121154	48.15	ng	#	72
54) Dibenzofuran	10.10	168	985729	35.50	ng		96
55) 4-Nitrophenol	10.02	139	159401	37.47	ng		93
56) 2,4-Dinitrotoluene	10.09	165	259862	37.82	ng		97
57) Fluorene	10.44	166	797790	37.35	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	203753	42.60	ng		94
59) Diethylphthalate	10.32	149	848363	37.67	ng		100
60) 4-Chlorophenyl-phenylether	10.43	204	371071	36.16	ng		97
61) 4-Nitroaniline	10.46	138	249151	41.18	ng		93
62) Azobenzene	10.59	77	927303	39.85	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	162103	44.13	ng	#	68
65) n-Nitrosodiphenylamine	10.56	169	743541	38.37	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	231422	36.51	ng		98
67) Hexachlorobenzene	10.99	284	231840	37.02	ng	#	89
68) Atrazine	11.08	200	221848	35.67	ng		100
69) Pentachlorophenol	11.18	266	137873	46.01	ng		96
70) Phenanthrene	11.40	178	1199634	34.52	ng		99
71) Anthracene	11.46	178	1436895	41.17	ng		98
72) Carbazole	11.61	167	1353353	40.56	ng		99
73) Di-n-butylphthalate	11.94	149	1371540	38.01	ng		98
74) Fluoranthene	12.59	202	1311273	36.58	ng		98
76) Benzidine	12.72	184	740031	32.20	ng		98
77) Pyrene	12.82	202	1305130	32.34	ng		100
79) Butylbenzylphthalate	13.44	149	656874	40.08	ng		88
80) Benzo(a)anthracene	14.01	228	1139172	34.54	ng		100
81) 3,3'-Dichlorobenzidine	13.97	252	485704	41.31	ng	#	93
82) Chrysene	14.04	228	1071330	34.69	ng		100
83) Bis(2-ethylhexyl)phthalate	14.00	149	855600	38.17	ng	#	95
84) Di-n-octyl phthalate	14.60	149	1462855	40.08	ng		99
85) Indeno(1,2,3-cd)pyrene	16.85	276	995555	41.62	ng	#	94
87) Benzo(b)fluoranthene	15.04	252	1106437	35.48	ng		99
88) Benzo(k)fluoranthene	15.07	252	1105521m	41.06	ng		
89) Benzo(a)pyrene	15.39	252	1041602	38.61	ng		99
90) Dibenzo(a,h)anthracene	16.87	278	853292	39.14	ng	#	95
91) Benzo(g,h,i)perylene	17.29	276	835122	37.92	ng		95

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

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