Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085923.D
Acq On : 31 Mar 2016 12:54
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/1/2016 9:46:30 PM

Quant Time: Mar 31 23:00:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	150270	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	626400	20.00	ng		-0.01
38) Acenaphthene-d10	9.83	164	269836	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	508686	20.00	ng		-0.01
75) Chrysene-d12	13.96	240	368242	20.00	ng		-0.01
86) Perylene-d12	15.36	264	258605	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	758277	84.04	ng		-0.01
7) Phenol-d6	6.44	99	902548	78.67	ng		-0.01
23) Nitrobenzene-d5	7.36	82	820308	73.75	ng		-0.01
41) 2,4,6-Tribromophenol	10.63	330	209826	81.84	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1204427	74.57	ng		-0.01
78) Terphenyl-d14	12.90	244	1370784	76.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	174886m	40.59	ng		
3) Pyridine	3.03	79	462549	44.78	ng		99
4) n-Nitrosodimethylamine	3.00	42	186043	44.99	ng		99
6) Aniline	6.46	93	620537	40.18	ng		99
8) 2-Chlorophenol	6.57	128	414930	39.58	ng		93
9) Benzaldehyde	6.33	77	248610	35.97	ng		95
10) Phenol	6.45	94	536620	41.29	ng		80
11) bis(2-Chloroethyl)ether	6.53	93	394855	39.48	ng		95
12) 1,3-Dichlorobenzene	6.73	146	470629	41.69	ng		99
13) 1,4-Dichlorobenzene	6.80	146	456817	39.90	ng		99
14) 1,2-Dichlorobenzene	6.96	146	422553	39.60	ng		98
15) Benzyl Alcohol	6.94	79	270600	35.35	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	512506	38.62	ng		95
17) 2-Methylphenol	7.05	107	336203	40.06	ng		99
18) Hexachloroethane	7.30	117	172338	41.11	ng		96
19) n-Nitroso-di-n-propylamine	7.21	70	253233	36.87	ng		92
20) 3+4-Methylphenols	7.21	107	358618	35.54	ng		95
22) Acetophenone	7.21	105	549128	37.63	ng	#	96
24) Nitrobenzene	7.38	77	486611	42.44	ng		94
25) Isophorone	7.62	82	829627	38.72	ng		97
26) 2-Nitrophenol	7.69	139	226393	39.47	ng	#	82
27) 2,4-Dimethylphenol	7.74	122	362205	36.12	ng		100
28) bis(2-Chloroethoxy)methane	7.83	93	446398	36.56	ng		98
29) 2,4-Dichlorophenol	7.94	162	344537	40.88	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	380372	40.65	ng		95
31) Naphthalene	8.10	128	1226814	38.87	ng		99
32) Benzoic acid	7.89	122	291204m	43.73	ng		
33) 4-Chloroaniline	8.15	127	469439	36.43	ng	#	92
34) Hexachlorobutadiene	8.22	225	204289	40.17	ng		100
35) Caprolactam	8.55	113	118986	39.85	ng	#	79
36) 4-Chloro-3-methylphenol	8.64	107	355089	36.06	ng		96
37) 2-Methylnaphthalene	8.79	142	706931	36.73	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	364344	45.53	ng		99
40) Hexachlorocyclopentadiene	8.94	237	103686	36.71	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	227593	42.11	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	230376	40.65	ng		97
45) 1,1'-Biphenyl	9.26	154	949712	41.71	ng		96
46) 2-Chloronaphthalene	9.28	162	692251	41.35	ng		94
47) 2-Nitroaniline	9.38	65	234975	45.90	ng		96
48) Acenaphthylene	9.69	152	1004244	36.81	ng		100
49) Dimethylphthalate	9.57	163	865748	42.29	ng		99
50) 2,6-Dinitrotoluene	9.62	165	158984	36.08	ng		95
51) Acenaphthene	9.86	154	599516	35.98	ng		100
52) 3-Nitroaniline	9.80	138	197253	39.11	ng		100
53) 2,4-Dinitrophenol	9.91	184	78471	38.62	ng	#	75
54) Dibenzofuran	10.04	168	783205	36.31	ng		97
55) 4-Nitrophenol	9.97	139	134197	40.84	ng		96
56) 2,4-Dinitrotoluene	10.04	165	232874	41.58	ng	#	75
57) Fluorene	10.38	166	659927	36.81	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	164139	41.67	ng		97
59) Diethylphthalate	10.26	149	824824	40.78	ng		96
60) 4-Chlorophenyl-phenylether	10.37	204	338034	38.56	ng		91
61) 4-Nitroaniline	10.41	138	204309	42.35	ng		92
62) Azobenzene	10.53	77	784797	40.38	ng		95
64) 4,6-Dinitro-2-methylphenol	10.45	198	122470	41.11	ng	#	61
65) n-Nitrosodiphenylamine	10.49	169	597123	37.06	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	205936	39.57	ng	#	91
67) Hexachlorobenzene	10.93	284	211195	38.80	ng	#	82
68) Atrazine	11.02	200	199581	36.69	ng		97
69) Pentachlorophenol	11.12	266	103231	38.64	ng		98
70) Phenanthrene	11.34	178	985103	37.72	ng		100
71) Anthracene	11.40	178	1182514	43.13	ng		100
72) Carbazole	11.54	167	952765	41.39	ng		99
73) Di-n-butylphthalate	11.88	149	1142664	36.17	ng		99
74) Fluoranthene	12.53	202	1096625	39.50	ng		95
76) Benzidine	12.65	184	443873	34.23	ng		98
77) Pyrene	12.76	202	1117223	36.91	ng		99
79) Butylbenzylphthalate	13.37	149	510996	40.31	ng		90
80) Benzo(a)anthracene	13.95	228	798226	38.02	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	589577	40.46	ng	#	95
82) Chrysene	13.98	228	766650	36.25	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	609982	40.19	ng	#	94
84) Di-n-octyl phthalate	14.54	149	913871	40.49	ng		100
85) Indeno(1,2,3-cd)pyrene	16.75	276	661062	40.48	ng		98
87) Benzo(b)fluoranthene	14.96	252	616025m	37.81	ng		
88) Benzo(k)fluoranthene	15.00	252	615632m	41.92	ng		
89) Benzo(a)pyrene	15.31	252	567850	39.26	ng		99
90) Dibenzo(a,h)anthracene	16.75	278	552925	41.14	ng		98
91) Benzo(g,h,i)perylene	17.16	276	560220	41.17	ng	#	93

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

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