Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033016\
Data File : BF085878.D
Acq On : 30 Mar 2016 10:56
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/31/2016 4:51:26 PM

Quant Time: Mar 30 12:44:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	131146	20.00	ng		-0.02
21) Naphthalene-d8	8.09	136	521844	20.00	ng		-0.02
38) Acenaphthene-d10	9.84	164	240128	20.00	ng		-0.02
63) Phenanthrene-d10	11.33	188	455638	20.00	ng		-0.02
75) Chrysene-d12	13.97	240	334569	20.00	ng		-0.01
86) Perylene-d12	15.37	264	264128	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	660188	83.84	ng		-0.01
7) Phenol-d6	6.45	99	819093	81.81	ng		-0.01
23) Nitrobenzene-d5	7.37	82	743793	80.26	ng		-0.02
41) 2,4,6-Tribromophenol	10.63	330	173227	75.93	ng		-0.02
44) 2-Fluorobiphenyl	9.17	172	1154429	80.32	ng		-0.02
78) Terphenyl-d14	12.91	244	1139735	70.06	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	153446m	40.81	ng		
3) Pyridine	3.05	79	352784	39.13	ng		99
4) n-Nitrosodimethylamine	3.01	42	167307	46.36	ng		100
6) Aniline	6.46	93	513445	38.10	ng	#	27
8) 2-Chlorophenol	6.58	128	377125	41.22	ng		95
9) Benzaldehyde	6.34	77	220221	36.51	ng		98
10) Phenol	6.46	94	493082	43.47	ng		77
11) bis(2-Chloroethyl)ether	6.54	93	331950	38.03	ng		97
12) 1,3-Dichlorobenzene	6.74	146	395174	40.11	ng		99
13) 1,4-Dichlorobenzene	6.81	146	389493	38.98	ng		99
14) 1,2-Dichlorobenzene	6.97	146	387471	41.61	ng		100
15) Benzyl Alcohol	6.95	79	261561	39.16	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	470823	40.65	ng		95
17) 2-Methylphenol	7.06	107	280703	38.32	ng		98
18) Hexachloroethane	7.32	117	147409	40.29	ng		90
19) n-Nitroso-di-n-propylamine	7.22	70	228427	38.10	ng		96
20) 3+4-Methylphenols	7.22	107	338525	38.44	ng	#	84
22) Acetophenone	7.21	105	476637	39.21	ng		98
24) Nitrobenzene	7.40	77	384444	40.24	ng	#	78
25) Isophorone	7.64	82	720274	40.35	ng		94
26) 2-Nitrophenol	7.70	139	189226	39.60	ng	#	86
27) 2,4-Dimethylphenol	7.75	122	343470	41.12	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	416199	40.92	ng		99
29) 2,4-Dichlorophenol	7.96	162	291316	41.49	ng		94
30) 1,2,4-Trichlorobenzene	8.04	180	314379	40.33	ng		93
31) Naphthalene	8.10	128	1016462	38.66	ng		100
32) Benzoic acid	7.89	122	250092	45.08	ng		99
33) 4-Chloroaniline	8.16	127	405452	37.77	ng	#	94
34) Hexachlorobutadiene	8.23	225	174978	41.30	ng		99
35) Caprolactam	8.55	113	95885	38.55	ng		98
36) 4-Chloro-3-methylphenol	8.65	107	334063	40.73	ng		99
37) 2-Methylnaphthalene	8.80	142	660449	42.50	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	302369	42.46	ng		99
40) Hexachlorocyclopentadiene	8.95	237	85297	34.63	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	203415	42.30	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	197941	39.25	ng		98
45) 1,1'-Biphenyl	9.27	154	849023	41.90	ng		95
46) 2-Chloronaphthalene	9.29	162	642978	43.16	ng		97
47) 2-Nitroaniline	9.40	65	190224	41.75	ng	#	69
48) Acenaphthylene	9.70	152	950068	39.13	ng		100
49) Dimethylphthalate	9.57	163	701600	38.51	ng		99
50) 2,6-Dinitrotoluene	9.64	165	165492	42.20	ng		87
51) Acenaphthene	9.88	154	554329	37.38	ng		99
52) 3-Nitroaniline	9.81	138	205765	45.84	ng		89
53) 2,4-Dinitrophenol	9.92	184	75002	41.04	ng	#	65
54) Dibenzofuran	10.05	168	730511	38.06	ng		98
55) 4-Nitrophenol	9.98	139	118717	40.60	ng		87
56) 2,4-Dinitrotoluene	10.04	165	186721	37.46	ng	#	45
57) Fluorene	10.39	166	629191	39.44	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	145564	41.53	ng		96
59) Diethylphthalate	10.26	149	671175	37.29	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	285195	36.56	ng		97
61) 4-Nitroaniline	10.42	138	193105	44.98	ng		94
62) Azobenzene	10.54	77	672476	38.88	ng		96
64) 4,6-Dinitro-2-methylphenol	10.45	198	105728	39.62	ng		94
65) n-Nitrosodiphenylamine	10.50	169	565118	39.16	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	183318	39.33	ng		95
67) Hexachlorobenzene	10.94	284	188714	38.71	ng	#	85
68) Atrazine	11.03	200	161304	33.11	ng		97
69) Pentachlorophenol	11.13	266	95936	40.09	ng		98
70) Phenanthrene	11.35	178	935382	39.98	ng		100
71) Anthracene	11.41	178	983604	40.05	ng		98
72) Carbazole	11.56	167	789178	38.27	ng		99
73) Di-n-butylphthalate	11.89	149	1053042	37.21	ng		99
74) Fluoranthene	12.54	202	1016283	40.87	ng		92
76) Benzidine	12.67	184	385554	32.72	ng		97
77) Pyrene	12.77	202	1037623	37.73	ng		99
79) Butylbenzylphthalate	13.39	149	477858	41.49	ng		93
80) Benzo(a)anthracene	13.96	228	772981	40.52	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	615304	46.47	ng	#	96
82) Chrysene	13.99	228	756504	39.37	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	562496	40.79	ng	#	94
84) Di-n-octyl phthalate	14.55	149	861051	41.99	ng		100
85) Indeno(1,2,3-cd)pyrene	16.76	276	619585	41.76	ng		98
87) Benzo(b)fluoranthene	14.97	252	615569m	37.00	ng		
88) Benzo(k)fluoranthene	15.01	252	643444m	42.90	ng		
89) Benzo(a)pyrene	15.32	252	583133	39.47	ng		98
90) Dibenzo(a,h)anthracene	16.77	278	519696	37.86	ng		100
91) Benzo(g,h,i)perylene	17.17	276	522559	37.60	ng		98

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

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