Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085298.D
Acq On : 9 Mar 2016 11:20
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
Sohil
3/9/2016 3:28:59 PM

Quant Time: Mar 09 12:17:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	142075	20.00	ng		-0.02
21) Naphthalene-d8	8.25	136	571427	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	231537	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	348876	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	269174	20.00	ng		-0.01
86) Perylene-d12	15.60	264	273856	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	738447	87.18	ng		-0.01
7) Phenol-d6	6.60	99	838055	75.52	ng		-0.01
23) Nitrobenzene-d5	7.53	82	772402	72.33	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	156805	79.15	ng		-0.01
44) 2-Fluorobiphenyl	9.33	172	1160747	76.24	ng		-0.02
78) Terphenyl-d14	13.08	244	854248	73.67	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	195356	45.10	ng		98
3) Pyridine	3.42	79	504685	46.55	ng		96
4) n-Nitrosodimethylamine	3.35	42	207687	44.76	ng		93
6) Aniline	6.63	93	584913	37.61	ng		96
8) 2-Chlorophenol	6.76	128	413065	40.51	ng		89
9) Benzaldehyde	6.52	77	218977	42.67	ng		88
10) Phenol	6.61	94	444489	37.40	ng		98
11) bis(2-Chloroethyl)ether	6.70	93	355261	35.99	ng		97
12) 1,3-Dichlorobenzene	6.90	146	425683m	38.88	ng		
13) 1,4-Dichlorobenzene	6.98	146	454178	41.39	ng		97
14) 1,2-Dichlorobenzene	7.14	146	389317	39.11	ng		94
15) Benzyl Alcohol	7.11	79	341335	41.90	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.25	45	523242	36.77	ng		95
17) 2-Methylphenol	7.22	107	347904	41.81	ng		99
18) Hexachloroethane	7.48	117	138471	34.21	ng	#	84
19) n-Nitroso-di-n-propylamine	7.38	70	281688	38.95	ng		98
20) 3+4-Methylphenols	7.37	107	360253	36.55	ng	#	85
22) Acetophenone	7.37	105	534499	38.32	ng	#	90
24) Nitrobenzene	7.56	77	428716	39.52	ng	#	80
25) Isophorone	7.80	82	750542	37.93	ng	#	91
26) 2-Nitrophenol	7.86	139	193289	36.62	ng	#	74
27) 2,4-Dimethylphenol	7.91	122	364268	37.76	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	478776	43.44	ng		98
29) 2,4-Dichlorophenol	8.12	162	286850	36.87	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	356805	42.42	ng		97
31) Naphthalene	8.28	128	1109510	39.49	ng		99
32) Benzoic acid	8.02	122	269367	42.04	ng		87
33) 4-Chloroaniline	8.32	127	433526	38.15	ng		96
34) Hexachlorobutadiene	8.39	225	187258	42.78	ng		99
35) Caprolactam	8.70	113	96044	37.80	ng		86
36) 4-Chloro-3-methylphenol	8.80	107	328562	37.22	ng		100
37) 2-Methylnaphthalene	8.96	142	629001	34.88	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	319139	48.20	ng		97
40) Hexachlorocyclopentadiene	9.12	237	31592	8.85	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	207010	42.00	ng		100
43) 2,4,5-Trichlorophenol	9.28	196	193033	41.30	ng		98
45) 1,1'-Biphenyl	9.43	154	842017	42.57	ng		97
46) 2-Chloronaphthalene	9.45	162	576648	38.24	ng	#	92
47) 2-Nitroaniline	9.54	65	159842	34.21	ng		95
48) Acenaphthylene	9.88	152	981924	41.84	ng		97
49) Dimethylphthalate	9.73	163	700213	39.40	ng		100
50) 2,6-Dinitrotoluene	9.80	165	149650	39.36	ng	#	63
51) Acenaphthene	10.05	154	564939	39.65	ng		98
52) 3-Nitroaniline	9.96	138	151254	33.25	ng		82
53) 2,4-Dinitrophenol	10.06	184	20961	17.80	ng	#	57
54) Dibenzofuran	10.22	168	725277	38.85	ng		91
55) 4-Nitrophenol	10.12	139	122862	34.37	ng		94
56) 2,4-Dinitrotoluene	10.20	165	186313	38.29	ng	#	63
57) Fluorene	10.56	166	571267	38.96	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	128253	39.06	ng		93
59) Diethylphthalate	10.42	149	687905	39.89	ng		97
60) 4-Chlorophenyl-phenylether	10.55	204	309534	43.38	ng	#	87
61) 4-Nitroaniline	10.57	138	155562	36.57	ng		81
62) Azobenzene	10.71	77	626714	36.89	ng		87
64) 4,6-Dinitro-2-methylphenol	10.60	198	36689	17.56	ng		73
65) n-Nitrosodiphenylamine	10.66	169	503111	46.36	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	163700	48.32	ng	#	83
67) Hexachlorobenzene	11.11	284	165191	45.71	ng	#	85
68) Atrazine	11.19	200	139508	46.23	ng		97
69) Pentachlorophenol	11.29	266	87842	43.79	ng		98
70) Phenanthrene	11.52	178	778206	42.56	ng		98
71) Anthracene	11.57	178	759704	39.14	ng		99
72) Carbazole	11.73	167	676586	39.75	ng		97
73) Di-n-butylphthalate	12.05	149	877047	40.77	ng		99
74) Fluoranthene	12.71	202	747129	40.72	ng		94
76) Benzidine	12.82	184	336354	41.99	ng		100
77) Pyrene	12.94	202	765998	37.81	ng		98
79) Butylbenzylphthalate	13.55	149	353394	38.44	ng		92
80) Benzo(a)anthracene	14.13	228	676681	41.99	ng		97
81) 3,3'-Dichlorobenzidine	14.08	252	260598	51.27	ng		98
82) Chrysene	14.16	228	698195	46.90	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	496840	41.07	ng		100
84) Di-n-octyl phthalate	14.72	149	910543	49.42	ng		95
85) Indeno(1,2,3-cd)pyrene	17.08	276	643402	55.38	ng		98
87) Benzo(b)fluoranthene	15.17	252	739626	40.52	ng		99
88) Benzo(k)fluoranthene	15.20	252	541422m	36.77	ng		
89) Benzo(a)pyrene	15.55	252	608438	40.22	ng		99
90) Dibenzo(a,h)anthracene	17.10	278	537685	41.64	ng		97
91) Benzo(g,h,i)perylene	17.52	276	497538	38.32	ng		100

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

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