Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085352.D
Acq On : 11 Mar 2016 00:18
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
3/11/2016 4:58:44 PM

Quant Time: Mar 11 01:08:08 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 11 00:01:03 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	168967	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	666852	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	223937	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	370729	20.00	ng		0.00
75) Chrysene-d12	14.11	240	286916	20.00	ng		0.00
86) Perylene-d12	15.57	264	306278	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	828246	82.22	ng		0.00
7) Phenol-d6	6.57	99	1080863	81.90	ng		0.01
23) Nitrobenzene-d5	7.51	82	901452	72.34	ng		0.00
41) 2,4,6-Tribromophenol	10.77	330	155673	81.24	ng		-0.01
44) 2-Fluorobiphenyl	9.30	172	1374985	93.38	ng		0.00
78) Terphenyl-d14	13.05	244	927779	75.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	203762	39.56	ng		97
3) Pyridine	3.35	79	565055	43.83	ng		100
4) n-Nitrosodimethylamine	3.30	42	205916	37.32	ng		95
6) Aniline	6.61	93	733334	39.65	ng		95
8) 2-Chlorophenol	6.72	128	455572	37.57	ng		95
9) Benzaldehyde	6.48	77	251246	40.64	ng		94
10) Phenol	6.58	94	675391	47.78	ng		92
11) bis(2-Chloroethyl)ether	6.68	93	439848	37.47	ng		95
12) 1,3-Dichlorobenzene	6.88	146	504333m	38.74	ng		
13) 1,4-Dichlorobenzene	6.96	146	535029	41.00	ng		95
14) 1,2-Dichlorobenzene	7.11	146	429415	36.27	ng		95
15) Benzyl Alcohol	7.09	79	377519	38.97	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.21	45	606280	35.83	ng		99
17) 2-Methylphenol	7.19	107	355958	35.97	ng		98
18) Hexachloroethane	7.45	117	176073	36.58	ng	#	89
19) n-Nitroso-di-n-propylamine	7.36	70	317427	36.90	ng		99
20) 3+4-Methylphenols	7.35	107	461995	39.42	ng	#	80
22) Acetophenone	7.35	105	558205	34.29	ng	#	93
24) Nitrobenzene	7.52	77	438915	34.67	ng		96
25) Isophorone	7.76	82	862302	37.34	ng		99
26) 2-Nitrophenol	7.84	139	241697	39.23	ng	#	80
27) 2,4-Dimethylphenol	7.88	122	394996	35.08	ng		94
28) bis(2-Chloroethoxy)methane	7.98	93	540286	42.01	ng		99
29) 2,4-Dichlorophenol	8.08	162	347099	38.23	ng		91
30) 1,2,4-Trichlorobenzene	8.17	180	403112	41.06	ng		95
31) Naphthalene	8.25	128	1328615	40.52	ng		99
32) Benzoic acid	7.99	122	281808	37.69	ng		98
33) 4-Chloroaniline	8.30	127	544488	41.05	ng	#	92
34) Hexachlorobutadiene	8.37	225	209058	40.93	ng		98
35) Caprolactam	8.68	113	115319	38.89	ng	#	68
36) 4-Chloro-3-methylphenol	8.78	107	387241	37.59	ng	#	84
37) 2-Methylnaphthalene	8.94	142	749649	35.63	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	359856	56.19	ng	#	97
40) Hexachlorocyclopentadiene	9.10	237	88219	25.54	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	219952	46.14	ng		96
43) 2,4,5-Trichlorophenol	9.26	196	225528	49.89	ng	#	86
45) 1,1'-Biphenyl	9.41	154	892496	46.65	ng		95
46) 2-Chloronaphthalene	9.43	162	632680	43.38	ng		96
47) 2-Nitroaniline	9.52	65	185870	41.13	ng	#	82
48) Acenaphthylene	9.84	152	899920	39.65	ng		98
49) Dimethylphthalate	9.70	163	754205	43.88	ng		100
50) 2,6-Dinitrotoluene	9.76	165	143858	39.12	ng		91
51) Acenaphthene	10.01	154	544002	39.47	ng		98
52) 3-Nitroaniline	9.93	138	176448	40.11	ng		90
53) 2,4-Dinitrophenol	10.04	184	38604	26.64	ng	#	42
54) Dibenzofuran	10.18	168	702939	38.93	ng		100
55) 4-Nitrophenol	10.08	139	110170	31.87	ng	#	77
56) 2,4-Dinitrotoluene	10.16	165	180485	38.35	ng		93
57) Fluorene	10.53	166	553225	39.01	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.30	232	127901	40.28	ng		93
59) Diethylphthalate	10.40	149	705861	42.32	ng		97
60) 4-Chlorophenyl-phenylether	10.52	204	291227	42.20	ng		89
61) 4-Nitroaniline	10.54	138	148701	36.14	ng		99
62) Azobenzene	10.68	77	601461	36.60	ng		94
64) 4,6-Dinitro-2-methylphenol	10.57	198	65918	29.70	ng		90
65) n-Nitrosodiphenylamine	10.64	169	557520	48.35	ng		99
66) 4-Bromophenyl-phenylether	11.01	248	167070	46.41	ng	#	84
67) Hexachlorobenzene	11.08	284	163083	42.47	ng	#	80
68) Atrazine	11.17	200	166562	51.94	ng		93
69) Pentachlorophenol	11.27	266	100237	47.02	ng		98
70) Phenanthrene	11.49	178	756762	38.95	ng		98
71) Anthracene	11.54	178	840756	40.76	ng		99
72) Carbazole	11.69	167	629049	34.78	ng		99
73) Di-n-butylphthalate	12.02	149	909345	39.78	ng		98
74) Fluoranthene	12.68	202	691715	35.48	ng		97
76) Benzidine	12.80	184	355016	41.57	ng		98
77) Pyrene	12.90	202	683719	31.66	ng		99
79) Butylbenzylphthalate	13.52	149	323903	33.06	ng		88
80) Benzo(a)anthracene	14.09	228	633649	36.89	ng		99
81) 3,3'-Dichlorobenzidine	14.06	252	260138	48.01	ng	#	97
82) Chrysene	14.13	228	561317	35.38	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	440483	34.16	ng		99
84) Di-n-octyl phthalate	14.70	149	805598	41.02	ng		96
85) Indeno(1,2,3-cd)pyrene	17.03	276	722677	58.36	ng		96
87) Benzo(b)fluoranthene	15.15	252	727444	35.63	ng	#	95
88) Benzo(k)fluoranthene	15.17	252	640738m	38.91	ng		
89) Benzo(a)pyrene	15.51	252	676556	39.99	ng		99
90) Dibenzo(a,h)anthracene	17.05	278	611053	42.31	ng	#	95
91) Benzo(g,h,i)perylene	17.48	276	579989	39.94	ng		97

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

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