Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_F\DATA\BF031016\
Data File : BF085367.D
Acq On : 11 Mar 2016 9:50
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
3/11/2016 4:58:50 PM

Quant Time: Mar 11 10:27:36 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	6.94	152	184611	20.00	ng		-0.05
21) Naphthalene-d8	8.23	136	733423	20.00	ng		-0.03
38) Acenaphthene-d10	9.98	164	303022	20.00	ng		-0.05
63) Phenanthrene-d10	11.46	188	499951	20.00	ng		-0.05
75) Chrysene-d12	14.11	240	335066	20.00	ng		-0.05
86) Perylene-d12	15.57	264	330934	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	854588	77.65	ng		-0.05
7) Phenol-d6	6.57	99	1170459	81.17	ng		-0.03
23) Nitrobenzene-d5	7.51	82	1031782	75.28	ng		-0.03
41) 2,4,6-Tribromophenol	10.77	330	183342	70.71	ng		-0.05
44) 2-Fluorobiphenyl	9.30	172	1541254	77.35	ng		-0.05
78) Terphenyl-d14	13.05	244	1109499	76.87	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	211183	37.52	ng		98
3) Pyridine	3.35	79	566956	40.25	ng		98
4) n-Nitrosodimethylamine	3.30	42	226677	37.60	ng		100
6) Aniline	6.61	93	794803	39.33	ng		94
8) 2-Chlorophenol	6.72	128	492500	37.17	ng		96
9) Benzaldehyde	6.48	77	268874	39.52	ng		95
10) Phenol	6.58	94	725827	47.00	ng		93
11) bis(2-Chloroethyl)ether	6.68	93	491300	38.30	ng		97
12) 1,3-Dichlorobenzene	6.88	146	553858m	38.93	ng		
13) 1,4-Dichlorobenzene	6.96	146	582997	40.89	ng		94
14) 1,2-Dichlorobenzene	7.11	146	473755	36.62	ng		96
15) Benzyl Alcohol	7.08	79	399424	37.74	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	687035	37.16	ng		100
17) 2-Methylphenol	7.19	107	396173	36.64	ng		96
18) Hexachloroethane	7.45	117	194170	36.92	ng	#	89
19) n-Nitroso-di-n-propylamine	7.36	70	370146	39.39	ng		98
20) 3+4-Methylphenols	7.35	107	506520	39.55	ng	#	78
22) Acetophenone	7.35	105	624696	34.90	ng	#	92
24) Nitrobenzene	7.52	77	495088	35.56	ng		95
25) Isophorone	7.76	82	959971	37.80	ng		99
26) 2-Nitrophenol	7.84	139	274425	40.50	ng	#	79
27) 2,4-Dimethylphenol	7.88	122	457300	36.93	ng		96
28) bis(2-Chloroethoxy)methane	7.98	93	610761	43.18	ng		98
29) 2,4-Dichlorophenol	8.08	162	386278	38.68	ng		92
30) 1,2,4-Trichlorobenzene	8.17	180	438076	40.58	ng		95
31) Naphthalene	8.25	128	1465616	40.64	ng		99
32) Benzoic acid	7.99	122	287502	34.96	ng		99
33) 4-Chloroaniline	8.30	127	617755	42.35	ng	#	92
34) Hexachlorobutadiene	8.37	225	225348	40.11	ng		98
35) Caprolactam	8.68	113	131636	40.36	ng	#	84
36) 4-Chloro-3-methylphenol	8.78	107	425464	37.56	ng	#	82
37) 2-Methylnaphthalene	8.94	142	849482	36.71	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	396131	45.71	ng		98
40) Hexachlorocyclopentadiene	9.10	237	90243	19.31	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	252787	39.19	ng		97
43) 2,4,5-Trichlorophenol	9.26	196	261130	42.69	ng	#	87
45) 1,1'-Biphenyl	9.41	154	1148890	44.38	ng		95
46) 2-Chloronaphthalene	9.43	162	817844	41.44	ng		96
47) 2-Nitroaniline	9.52	65	255110	41.72	ng	#	86
48) Acenaphthylene	9.84	152	1186392	38.63	ng		99
49) Dimethylphthalate	9.70	163	954052	41.02	ng		99
50) 2,6-Dinitrotoluene	9.76	165	179882	36.15	ng	#	80
51) Acenaphthene	10.01	154	709289	38.03	ng		100
52) 3-Nitroaniline	9.93	138	239301	40.20	ng		88
53) 2,4-Dinitrophenol	10.04	184	35457	20.66	ng	#	47
54) Dibenzofuran	10.18	168	920351	37.67	ng		99
55) 4-Nitrophenol	10.08	139	140701	30.08	ng	#	64
56) 2,4-Dinitrotoluene	10.16	165	240178	37.72	ng	#	80
57) Fluorene	10.53	166	721878	37.61	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.30	232	156258	36.36	ng		99
59) Diethylphthalate	10.40	149	955473	42.33	ng		97
60) 4-Chlorophenyl-phenylether	10.52	204	372923	39.94	ng	#	87
61) 4-Nitroaniline	10.55	138	221267	39.74	ng		82
62) Azobenzene	10.68	77	848941	38.18	ng		95
64) 4,6-Dinitro-2-methylphenol	10.57	198	67137	22.43	ng		79
65) n-Nitrosodiphenylamine	10.64	169	737850	47.45	ng		99
66) 4-Bromophenyl-phenylether	11.01	248	209363	43.13	ng	#	83
67) Hexachlorobenzene	11.08	284	200684	38.75	ng	#	78
68) Atrazine	11.17	200	224587	51.93	ng		95
69) Pentachlorophenol	11.27	266	119199	41.47	ng		99
70) Phenanthrene	11.49	178	986232	37.64	ng		99
71) Anthracene	11.54	178	1161033	41.74	ng		99
72) Carbazole	11.69	167	892769	36.60	ng		99
73) Di-n-butylphthalate	12.02	149	1277845	41.45	ng		99
74) Fluoranthene	12.68	202	913408	34.74	ng		98
76) Benzidine	12.79	184	455506	45.68	ng		99
77) Pyrene	12.91	202	884953	35.09	ng		99
79) Butylbenzylphthalate	13.52	149	476206	41.62	ng		86
80) Benzo(a)anthracene	14.09	228	804341	40.10	ng		99
81) 3,3'-Dichlorobenzidine	14.06	252	275773	43.58	ng	#	94
82) Chrysene	14.13	228	624331	33.69	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	605348	40.20	ng	#	98
84) Di-n-octyl phthalate	14.69	149	968033	42.21	ng		99
85) Indeno(1,2,3-cd)pyrene	17.03	276	771767	53.37	ng		98
87) Benzo(b)fluoranthene	15.13	252	858196	38.91	ng		100
88) Benzo(k)fluoranthene	15.17	252	610665m	34.32	ng		
89) Benzo(a)pyrene	15.50	252	728247	39.84	ng	#	94
90) Dibenzo(a,h)anthracene	17.04	278	659342	42.26	ng		99
91) Benzo(g,h,i)perylene	17.48	276	607812	38.74	ng	#	93

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

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