Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085276.D
Acq On : 9 Mar 2016 00:56
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
UMANGI
3/9/2016 9:31:00 AM

Quant Time: Mar 09 02:13:24 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	165737	20.00	ng		-0.02
21) Naphthalene-d8	8.25	136	648871	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	302879	20.00	ng		-0.02
63) Phenanthrene-d10	11.49	188	573694	20.00	ng		-0.02
75) Chrysene-d12	14.13	240	403405	20.00	ng		-0.02
86) Perylene-d12	15.59	264	296229	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	729945	73.88	ng		-0.02
7) Phenol-d6	6.58	99	966693	74.68	ng		-0.02
23) Nitrobenzene-d5	7.52	82	924199	76.22	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	211720	81.69	ng		-0.02
44) 2-Fluorobiphenyl	9.33	172	1603072	80.49	ng		-0.02
78) Terphenyl-d14	13.08	244	1404953	80.85	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	190007	37.60	ng		97
3) Pyridine	3.40	79	478471	37.83	ng		96
4) n-Nitrosodimethylamine	3.34	42	204633	37.81	ng		99
6) Aniline	6.62	93	683423	37.67	ng		99
8) 2-Chlorophenol	6.74	128	476296	40.04	ng		96
9) Benzaldehyde	6.50	77	220650	35.09	ng		99
10) Phenol	6.60	94	528428m	38.11	ng		
11) bis(2-Chloroethyl)ether	6.70	93	455966	39.60	ng		96
12) 1,3-Dichlorobenzene	6.90	146	515185	40.34	ng		98
13) 1,4-Dichlorobenzene	6.98	146	490718m	38.34	ng		
14) 1,2-Dichlorobenzene	7.13	146	477437	41.11	ng		99
15) Benzyl Alcohol	7.10	79	350856	36.92	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	572963	34.52	ng		99
17) 2-Methylphenol	7.21	107	387586	39.93	ng		99
18) Hexachloroethane	7.48	117	182585	38.67	ng		93
19) n-Nitroso-di-n-propylamine	7.37	70	281130	33.32	ng	#	90
20) 3+4-Methylphenols	7.36	107	426083	37.06	ng		97
22) Acetophenone	7.37	105	636225	40.17	ng	#	97
24) Nitrobenzene	7.54	77	490070	39.78	ng		99
25) Isophorone	7.78	82	876325	39.00	ng		99
26) 2-Nitrophenol	7.86	139	259497	43.29	ng		92
27) 2,4-Dimethylphenol	7.90	122	459498	41.94	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	472182	37.73	ng		99
29) 2,4-Dichlorophenol	8.10	162	357773	40.50	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	372684	39.02	ng		99
31) Naphthalene	8.26	128	1265289	39.66	ng		99
32) Benzoic acid	8.01	122	343215	47.17	ng		98
33) 4-Chloroaniline	8.31	127	514706	39.88	ng		99
34) Hexachlorobutadiene	8.39	225	215745	43.41	ng		98
35) Caprolactam	8.69	113	113458	39.32	ng		96
36) 4-Chloro-3-methylphenol	8.79	107	382121	38.12	ng		98
37) 2-Methylnaphthalene	8.96	142	847459	41.39	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	348703	40.26	ng		98
40) Hexachlorocyclopentadiene	9.12	237	188095	40.26	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	267852	41.54	ng		96
43) 2,4,5-Trichlorophenol	9.27	196	242146	39.61	ng		95
45) 1,1'-Biphenyl	9.43	154	1077123	41.63	ng		93
46) 2-Chloronaphthalene	9.45	162	818287	41.49	ng		98
47) 2-Nitroaniline	9.54	65	264477	43.27	ng	#	78
48) Acenaphthylene	9.86	152	1190601	38.78	ng		98
49) Dimethylphthalate	9.73	163	970143	41.73	ng		100
50) 2,6-Dinitrotoluene	9.78	165	197331	39.68	ng		94
51) Acenaphthene	10.04	154	740184	39.71	ng		99
52) 3-Nitroaniline	9.96	138	260412	43.77	ng		99
53) 2,4-Dinitrophenol	10.06	184	116721	49.64	ng	#	37
54) Dibenzofuran	10.21	168	948561	38.84	ng		99
55) 4-Nitrophenol	10.10	139	197355	42.21	ng		83
56) 2,4-Dinitrotoluene	10.18	165	244359	38.39	ng		95
57) Fluorene	10.55	166	772884	40.29	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	173852	40.48	ng		98
59) Diethylphthalate	10.42	149	940248	41.68	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	362810	38.87	ng		91
61) 4-Nitroaniline	10.56	138	219149	39.38	ng		99
62) Azobenzene	10.70	77	863847	38.87	ng		97
64) 4,6-Dinitro-2-methylphenol	10.60	198	162339	47.26	ng		91
65) n-Nitrosodiphenylamine	10.66	169	744408	41.72	ng		98
66) 4-Bromophenyl-phenylether	11.03	248	224407	40.28	ng	#	90
67) Hexachlorobenzene	11.10	284	232150	39.06	ng	#	87
68) Atrazine	11.19	200	210641	42.45	ng		91
69) Pentachlorophenol	11.29	266	154506	46.84	ng		98
70) Phenanthrene	11.51	178	1094073	36.39	ng		99
71) Anthracene	11.57	178	1283115	40.20	ng		100
72) Carbazole	11.72	167	1045228	37.35	ng		99
73) Di-n-butylphthalate	12.05	149	1426305	40.32	ng		99
74) Fluoranthene	12.70	202	1143061	37.88	ng		98
76) Benzidine	12.81	184	352957	29.40	ng		99
77) Pyrene	12.93	202	1167562	38.45	ng		100
79) Butylbenzylphthalate	13.55	149	568657	41.28	ng	#	77
80) Benzo(a)anthracene	14.12	228	909580	37.66	ng		99
81) 3,3'-Dichlorobenzidine	14.07	252	286368	37.59	ng		97
82) Chrysene	14.15	228	850178	38.11	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	693705	38.26	ng	#	96
84) Di-n-octyl phthalate	14.71	149	1044487	37.83	ng		99
85) Indeno(1,2,3-cd)pyrene	17.05	276	728778	41.86	ng		99
87) Benzo(b)fluoranthene	15.16	252	868500m	43.99	ng		
88) Benzo(k)fluoranthene	15.19	252	570030m	35.79	ng		
89) Benzo(a)pyrene	15.52	252	667695	40.81	ng	#	95
90) Dibenzo(a,h)anthracene	17.08	278	625347	44.77	ng	#	95
91) Benzo(g,h,i)perylene	17.50	276	628064	44.72	ng		99

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

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