Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085300.D
Acq On : 9 Mar 2016 15:41
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
UMANGI
3/10/2016 11:17:05 AM

Quant Time: Mar 09 23:56:53 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	6.95	152	194661	20.00	ng		-0.03
21) Naphthalene-d8	8.24	136	764116	20.00	ng		-0.02
38) Acenaphthene-d10	9.99	164	374241	20.00	ng		-0.03
63) Phenanthrene-d10	11.48	188	639597	20.00	ng		-0.03
75) Chrysene-d12	14.12	240	478568	20.00	ng		-0.03
86) Perylene-d12	15.57	264	289198	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	927438	79.92	ng		-0.02
7) Phenol-d6	6.58	99	1205130	79.26	ng		-0.02
23) Nitrobenzene-d5	7.52	82	1149161	80.48	ng		-0.02
41) 2,4,6-Tribromophenol	10.78	330	245817	76.76	ng		-0.03
44) 2-Fluorobiphenyl	9.32	172	1875520	76.22	ng		-0.03
78) Terphenyl-d14	13.06	244	1672637	81.14	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	229636	38.69	ng		97
3) Pyridine	3.38	79	637746	42.94	ng		98
4) n-Nitrosodimethylamine	3.33	42	236602	37.22	ng		91
6) Aniline	6.61	93	815689	38.28	ng		99
8) 2-Chlorophenol	6.73	128	525796	37.63	ng		99
9) Benzaldehyde	6.49	77	274757	37.90	ng		99
10) Phenol	6.60	94	717377m	44.05	ng		
11) bis(2-Chloroethyl)ether	6.69	93	550743	40.72	ng		98
12) 1,3-Dichlorobenzene	6.89	146	605818	40.39	ng		99
13) 1,4-Dichlorobenzene	6.96	146	570814	37.97	ng		99
14) 1,2-Dichlorobenzene	7.12	146	554857	40.68	ng		100
15) Benzyl Alcohol	7.09	79	397292	35.60	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.22	45	669054	34.32	ng		98
17) 2-Methylphenol	7.20	107	427594	37.51	ng		98
18) Hexachloroethane	7.46	117	215329	38.83	ng		98
19) n-Nitroso-di-n-propylamine	7.37	70	362731	36.60	ng		96
20) 3+4-Methylphenols	7.36	107	539555	39.96	ng	#	64
22) Acetophenone	7.36	105	672781	36.07	ng		97
24) Nitrobenzene	7.53	77	542117	37.37	ng		99
25) Isophorone	7.77	82	1047349	39.58	ng		99
26) 2-Nitrophenol	7.85	139	337552	47.82	ng	#	92
27) 2,4-Dimethylphenol	7.89	122	524316	40.64	ng		95
28) bis(2-Chloroethoxy)methane	7.98	93	578324	39.24	ng		99
29) 2,4-Dichlorophenol	8.09	162	452719	43.51	ng		93
30) 1,2,4-Trichlorobenzene	8.17	180	452055	40.19	ng		99
31) Naphthalene	8.25	128	1449403	38.58	ng		99
32) Benzoic acid	7.96	122	69881	8.16	ng		90
33) 4-Chloroaniline	8.31	127	626144	41.20	ng	#	87
34) Hexachlorobutadiene	8.38	225	253214	43.26	ng		99
35) Caprolactam	8.69	113	168319m	49.54	ng		
36) 4-Chloro-3-methylphenol	8.79	107	523914	44.39	ng		87
37) 2-Methylnaphthalene	8.95	142	1015576	42.12	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	426876	39.88	ng		97
40) Hexachlorocyclopentadiene	9.10	237	223049	38.64	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	316135	39.68	ng		97
43) 2,4,5-Trichlorophenol	9.27	196	318173	42.12	ng	#	88
45) 1,1'-Biphenyl	9.42	154	1286256	40.23	ng		95
46) 2-Chloronaphthalene	9.44	162	979984	40.21	ng		97
47) 2-Nitroaniline	9.53	65	328071	43.44	ng	#	85
48) Acenaphthylene	9.85	152	1414566	37.29	ng		99
49) Dimethylphthalate	9.72	163	1068127	37.18	ng		99
50) 2,6-Dinitrotoluene	9.77	165	227806	37.07	ng	#	88
51) Acenaphthene	10.02	154	833046	36.17	ng		99
52) 3-Nitroaniline	9.94	138	274434	37.33	ng		85
53) 2,4-Dinitrophenol	10.05	184	28216	16.17	ng	#	42
54) Dibenzofuran	10.20	168	1103785	36.58	ng		100
55) 4-Nitrophenol	10.10	139	255020	44.14	ng		92
56) 2,4-Dinitrotoluene	10.17	165	331326	42.13	ng		89
57) Fluorene	10.54	166	894870	37.75	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.31	232	197564	37.23	ng		97
59) Diethylphthalate	10.41	149	1124635	40.35	ng		97
60) 4-Chlorophenyl-phenylether	10.53	204	441275	38.26	ng		92
61) 4-Nitroaniline	10.56	138	315042	45.81	ng		93
62) Azobenzene	10.69	77	927174	33.76	ng		98
64) 4,6-Dinitro-2-methylphenol	10.58	198	76723	20.03	ng		77
65) n-Nitrosodiphenylamine	10.65	169	848193	42.64	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	251067	40.43	ng	#	89
67) Hexachlorobenzene	11.09	284	263596	39.79	ng	#	86
68) Atrazine	11.18	200	251765	45.51	ng		97
69) Pentachlorophenol	11.28	266	106611	28.99	ng		98
70) Phenanthrene	11.50	178	1297566	38.71	ng		98
71) Anthracene	11.56	178	1368821	38.47	ng		99
72) Carbazole	11.70	167	1085592	34.79	ng		98
73) Di-n-butylphthalate	12.04	149	1484721	37.64	ng		99
74) Fluoranthene	12.69	202	1245926	37.04	ng		97
76) Benzidine	12.80	184	351642	24.69	ng		99
77) Pyrene	12.92	202	1247223	34.63	ng		100
79) Butylbenzylphthalate	13.53	149	630956	38.61	ng	#	81
80) Benzo(a)anthracene	14.11	228	1049176	36.62	ng		99
81) 3,3'-Dichlorobenzidine	14.07	252	349778	38.70	ng	#	93
82) Chrysene	14.14	228	858974	32.46	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	776194	36.09	ng	#	96
84) Di-n-octyl phthalate	14.70	149	1055397	32.22	ng		97
85) Indeno(1,2,3-cd)pyrene	17.03	276	742156	35.93	ng		97
87) Benzo(b)fluoranthene	15.15	252	887391	46.04	ng		99
88) Benzo(k)fluoranthene	15.18	252	553523m	35.60	ng		
89) Benzo(a)pyrene	15.51	252	641880	40.18	ng	#	96
90) Dibenzo(a,h)anthracene	17.05	278	617677	45.30	ng		98
91) Benzo(g,h,i)perylene	17.49	276	632576	46.14	ng	#	94

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

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