Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085254.D
Acq On : 8 Mar 2016 14:09
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:26 AM

Quant Time: Mar 09 00:10:15 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	164869	20.00	ng		-0.02
21) Naphthalene-d8	8.25	136	673533	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	294304	20.00	ng		-0.02
63) Phenanthrene-d10	11.49	188	591760	20.00	ng		-0.02
75) Chrysene-d12	14.13	240	410181	20.00	ng		-0.02
86) Perylene-d12	15.59	264	283979	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	745379	75.84	ng		-0.02
7) Phenol-d6	6.58	99	976040	75.80	ng		-0.02
23) Nitrobenzene-d5	7.52	82	940729	74.74	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	211021	83.80	ng		-0.02
44) 2-Fluorobiphenyl	9.33	172	1531897	79.16	ng		-0.02
78) Terphenyl-d14	13.08	244	1485236	84.06	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	195707	38.94	ng		98
3) Pyridine	3.40	79	528447	42.01	ng		99
4) n-Nitrosodimethylamine	3.34	42	196631	36.52	ng		99
6) Aniline	6.62	93	701403	38.86	ng		99
8) 2-Chlorophenol	6.74	128	484748	40.97	ng		98
9) Benzaldehyde	6.50	77	238224	39.10	ng		97
10) Phenol	6.60	94	536964m	38.93	ng		
11) bis(2-Chloroethyl)ether	6.70	93	478939	41.81	ng		97
12) 1,3-Dichlorobenzene	6.90	146	504887m	39.74	ng		
13) 1,4-Dichlorobenzene	6.98	146	518284m	40.71	ng		
14) 1,2-Dichlorobenzene	7.13	146	466829	40.41	ng		98
15) Benzyl Alcohol	7.10	79	355790	37.64	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	617549	37.40	ng		99
17) 2-Methylphenol	7.21	107	398403	41.26	ng		98
18) Hexachloroethane	7.48	117	183857	39.14	ng		91
19) n-Nitroso-di-n-propylamine	7.37	70	298488	35.56	ng	#	89
20) 3+4-Methylphenols	7.36	107	443841	38.81	ng		94
22) Acetophenone	7.37	105	638852	38.86	ng		99
24) Nitrobenzene	7.54	77	486387	38.04	ng		99
25) Isophorone	7.78	82	884699	37.93	ng		100
26) 2-Nitrophenol	7.86	139	271341	43.61	ng	#	89
27) 2,4-Dimethylphenol	7.90	122	478029	42.04	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	502087	38.65	ng		100
29) 2,4-Dichlorophenol	8.10	162	382599	41.72	ng		96
30) 1,2,4-Trichlorobenzene	8.18	180	387137	39.05	ng		98
31) Naphthalene	8.28	128	1343138	40.56	ng		98
32) Benzoic acid	8.01	122	332904	44.08	ng		98
33) 4-Chloroaniline	8.31	127	536531	40.05	ng		99
34) Hexachlorobutadiene	8.39	225	214529	41.58	ng		99
35) Caprolactam	8.69	113	122785	41.00	ng		99
36) 4-Chloro-3-methylphenol	8.79	107	375053	36.05	ng		96
37) 2-Methylnaphthalene	8.96	142	816544	38.42	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	379750	45.12	ng		97
40) Hexachlorocyclopentadiene	9.12	237	199648	43.98	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	258592	41.27	ng		97
43) 2,4,5-Trichlorophenol	9.27	196	247907	41.73	ng	#	92
45) 1,1'-Biphenyl	9.43	154	1101822	43.82	ng		95
46) 2-Chloronaphthalene	9.45	162	808623	42.19	ng		95
47) 2-Nitroaniline	9.54	65	267368	45.02	ng	#	84
48) Acenaphthylene	9.86	152	1206006	40.43	ng		99
49) Dimethylphthalate	9.73	163	980033	43.38	ng		100
50) 2,6-Dinitrotoluene	9.78	165	194418	40.23	ng		90
51) Acenaphthene	10.04	154	730393	40.33	ng		99
52) 3-Nitroaniline	9.96	138	258702	44.75	ng		90
53) 2,4-Dinitrophenol	10.06	184	114858	50.16	ng	#	41
54) Dibenzofuran	10.21	168	925807	39.02	ng		98
55) 4-Nitrophenol	10.10	139	194657	42.84	ng	#	79
56) 2,4-Dinitrotoluene	10.18	165	245055	39.62	ng		89
57) Fluorene	10.55	166	759303	40.74	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	175872	42.14	ng		99
59) Diethylphthalate	10.42	149	962785	43.92	ng		97
60) 4-Chlorophenyl-phenylether	10.54	204	378686	41.76	ng		89
61) 4-Nitroaniline	10.56	138	240020	44.39	ng		99
62) Azobenzene	10.70	77	901006	41.72	ng		95
64) 4,6-Dinitro-2-methylphenol	10.60	198	155055	43.76	ng		77
65) n-Nitrosodiphenylamine	10.66	169	750512	40.78	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	214808	37.38	ng	#	84
67) Hexachlorobenzene	11.10	284	227077	37.04	ng	#	80
68) Atrazine	11.19	200	239469	46.78	ng		93
69) Pentachlorophenol	11.29	266	156717	46.06	ng		97
70) Phenanthrene	11.51	178	1164499	37.55	ng		99
71) Anthracene	11.57	178	1295787	39.36	ng		100
72) Carbazole	11.72	167	1036825	35.92	ng		98
73) Di-n-butylphthalate	12.05	149	1441270	39.50	ng		99
74) Fluoranthene	12.70	202	1162690	37.36	ng		97
76) Benzidine	12.81	184	520058	42.60	ng		98
77) Pyrene	12.93	202	1155497	37.43	ng		99
79) Butylbenzylphthalate	13.54	149	594158	42.41	ng	#	82
80) Benzo(a)anthracene	14.12	228	907156	36.94	ng		98
81) 3,3'-Dichlorobenzidine	14.08	252	297872	38.45	ng	#	95
82) Chrysene	14.15	228	744632	32.83	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	668251	36.25	ng	#	96
84) Di-n-octyl phthalate	14.71	149	1026311	36.56	ng		99
85) Indeno(1,2,3-cd)pyrene	17.05	276	690755	39.02	ng		99
87) Benzo(b)fluoranthene	15.16	252	797760	42.15	ng		99
88) Benzo(k)fluoranthene	15.19	252	574667m	37.64	ng		
89) Benzo(a)pyrene	15.52	252	649124	41.38	ng	#	94
90) Dibenzo(a,h)anthracene	17.08	278	580137	43.33	ng		95
91) Benzo(g,h,i)perylene	17.50	276	579896	43.07	ng		100

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

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