Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085202.D
Acq On : 4 Mar 2016 15:01
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
UMANGI
3/7/2016 9:32:01 AM

Quant Time: Mar 04 23:48:12 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	6.97	152	152050	20.00	ng		-0.01
21) Naphthalene-d8	8.26	136	628292	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	271855	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	501312	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	353132	20.00	ng		-0.01
86) Perylene-d12	15.60	264	255666	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	798600	88.10	ng		0.00
7) Phenol-d6	6.60	99	917237	77.23	ng		-0.01
23) Nitrobenzene-d5	7.53	82	907768	77.31	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	189615	81.51	ng		-0.01
44) 2-Fluorobiphenyl	9.34	172	1493936	83.57	ng		-0.01
78) Terphenyl-d14	13.09	244	1315743	86.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	186142	40.16	ng		98
3) Pyridine	3.44	79	483200	41.65	ng		98
4) n-Nitrosodimethylamine	3.38	42	182990	36.85	ng		92
6) Aniline	6.63	93	659942	39.65	ng		99
8) 2-Chlorophenol	6.76	128	440412	40.36	ng		98
9) Benzaldehyde	6.52	77	235561	42.97	ng		97
10) Phenol	6.61	94	501845m	39.45	ng		
11) bis(2-Chloroethyl)ether	6.71	93	450111	42.61	ng		96
12) 1,3-Dichlorobenzene	6.92	146	490140	41.83	ng		97
13) 1,4-Dichlorobenzene	7.00	146	501090	42.67	ng		93
14) 1,2-Dichlorobenzene	7.14	146	423850	39.78	ng		97
15) Benzyl Alcohol	7.11	79	342174	39.25	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	590255	38.76	ng		100
17) 2-Methylphenol	7.22	107	371002	41.66	ng		99
18) Hexachloroethane	7.49	117	173941	40.15	ng		91
19) n-Nitroso-di-n-propylamine	7.38	70	284679	36.78	ng	#	87
20) 3+4-Methylphenols	7.37	107	420017	39.82	ng		95
22) Acetophenone	7.38	105	598349	39.02	ng		99
24) Nitrobenzene	7.56	77	464264	38.92	ng		100
25) Isophorone	7.80	82	813542	37.39	ng		99
26) 2-Nitrophenol	7.88	139	254577	43.86	ng	#	86
27) 2,4-Dimethylphenol	7.91	122	440633	41.54	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	443881	36.63	ng		100
29) 2,4-Dichlorophenol	8.12	162	353191	41.29	ng		96
30) 1,2,4-Trichlorobenzene	8.20	180	370044	40.01	ng		99
31) Naphthalene	8.29	128	1259674	40.77	ng		98
32) Benzoic acid	8.00	122	210818	29.92	ng		97
33) 4-Chloroaniline	8.32	127	478949	38.33	ng		99
34) Hexachlorobutadiene	8.40	225	206702	42.95	ng		99
35) Caprolactam	8.70	113	100761	36.07	ng		99
36) 4-Chloro-3-methylphenol	8.80	107	363684	37.47	ng		97
37) 2-Methylnaphthalene	8.97	142	761423	38.41	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	351633	45.23	ng		97
40) Hexachlorocyclopentadiene	9.13	237	168990	40.30	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	245454	42.41	ng		97
43) 2,4,5-Trichlorophenol	9.28	196	225389	41.07	ng	#	91
45) 1,1'-Biphenyl	9.44	154	1026486	44.20	ng		94
46) 2-Chloronaphthalene	9.46	162	743925	42.02	ng		96
47) 2-Nitroaniline	9.56	65	244185	44.51	ng	#	82
48) Acenaphthylene	9.88	152	1125261	40.84	ng		98
49) Dimethylphthalate	9.74	163	900646	43.16	ng		100
50) 2,6-Dinitrotoluene	9.80	165	177352	39.73	ng		92
51) Acenaphthene	10.05	154	684400	40.91	ng		99
52) 3-Nitroaniline	9.97	138	238251	44.61	ng		94
53) 2,4-Dinitrophenol	10.07	184	71247	36.32	ng	#	40
54) Dibenzofuran	10.22	168	865334	39.48	ng		99
55) 4-Nitrophenol	10.12	139	177050	42.18	ng	#	82
56) 2,4-Dinitrotoluene	10.20	165	221193	38.72	ng		91
57) Fluorene	10.56	166	702871	40.82	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	152746	39.62	ng		99
59) Diethylphthalate	10.44	149	854331	42.19	ng		98
60) 4-Chlorophenyl-phenylether	10.56	204	348464	41.60	ng	#	81
61) 4-Nitroaniline	10.57	138	188832	37.80	ng		98
62) Azobenzene	10.71	77	808189	40.51	ng		94
64) 4,6-Dinitro-2-methylphenol	10.61	198	114570	38.17	ng		80
65) n-Nitrosodiphenylamine	10.68	169	685197	43.94	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	200254	41.14	ng	#	83
67) Hexachlorobenzene	11.11	284	210003	40.44	ng	#	74
68) Atrazine	11.20	200	212213	48.94	ng		94
69) Pentachlorophenol	11.30	266	124405	43.16	ng		99
70) Phenanthrene	11.52	178	1105001	42.06	ng		99
71) Anthracene	11.58	178	1136076	40.73	ng		99
72) Carbazole	11.73	167	906795	37.08	ng		99
73) Di-n-butylphthalate	12.06	149	1306000	42.25	ng		99
74) Fluoranthene	12.71	202	1027577	38.97	ng		96
76) Benzidine	12.83	184	345126	32.84	ng		100
77) Pyrene	12.94	202	1056300	39.74	ng		99
79) Butylbenzylphthalate	13.56	149	498952	41.37	ng		86
80) Benzo(a)anthracene	14.13	228	795343	37.62	ng		98
81) 3,3'-Dichlorobenzidine	14.09	252	294249	44.12	ng	#	96
82) Chrysene	14.16	228	732502	37.51	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	617510	38.91	ng	#	98
84) Di-n-octyl phthalate	14.72	149	867409	35.89	ng		98
85) Indeno(1,2,3-cd)pyrene	17.09	276	679484	44.58	ng		99
87) Benzo(b)fluoranthene	15.18	252	628048	36.85	ng		97
88) Benzo(k)fluoranthene	15.21	252	610286m	44.40	ng		
89) Benzo(a)pyrene	15.55	252	562735	39.85	ng	#	95
90) Dibenzo(a,h)anthracene	17.11	278	571587	47.42	ng		95
91) Benzo(g,h,i)perylene	17.55	276	577148	47.62	ng		96

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

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