Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085227.D
Acq On : 5 Mar 2016 2:39
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
UMANGI
3/7/2016 9:32:31 AM

Quant Time: Mar 05 03:51:11 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	171390	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	658860	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	316812	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	582751	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	373734	20.00	ng		-0.01
86) Perylene-d12	15.60	264	278878	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	757039	74.09	ng		-0.01
7) Phenol-d6	6.60	99	1044819	78.05	ng		-0.01
23) Nitrobenzene-d5	7.53	82	940252	76.37	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	216931	80.02	ng		-0.01
44) 2-Fluorobiphenyl	9.34	172	1700434	81.63	ng		-0.01
78) Terphenyl-d14	13.08	244	1359839	84.47	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	200383	38.35	ng		99
3) Pyridine	3.44	79	521820	39.90	ng		99
4) n-Nitrosodimethylamine	3.38	42	204672	36.57	ng		93
6) Aniline	6.63	93	718201	38.28	ng		99
8) 2-Chlorophenol	6.76	128	501811	40.79	ng		97
9) Benzaldehyde	6.52	77	260598	41.89	ng		99
10) Phenol	6.61	94	618162m	43.12	ng		
11) bis(2-Chloroethyl)ether	6.71	93	455938	38.29	ng		93
12) 1,3-Dichlorobenzene	6.92	146	533811	40.42	ng		100
13) 1,4-Dichlorobenzene	6.98	146	498635	37.67	ng		99
14) 1,2-Dichlorobenzene	7.14	146	499488	41.59	ng		99
15) Benzyl Alcohol	7.11	79	400873	40.79	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	614565	35.80	ng		99
17) 2-Methylphenol	7.22	107	397679	39.62	ng		98
18) Hexachloroethane	7.49	117	193114	39.55	ng		99
19) n-Nitroso-di-n-propylamine	7.38	70	300364	34.43	ng	#	90
20) 3+4-Methylphenols	7.37	107	453774	38.17	ng		98
22) Acetophenone	7.38	105	685569	42.63	ng	#	95
24) Nitrobenzene	7.56	77	556412	44.49	ng		95
25) Isophorone	7.80	82	936278	41.03	ng		98
26) 2-Nitrophenol	7.88	139	254156	41.76	ng		97
27) 2,4-Dimethylphenol	7.90	122	447461	40.23	ng		94
28) bis(2-Chloroethoxy)methane	8.00	93	519208	40.86	ng		99
29) 2,4-Dichlorophenol	8.10	162	366829	40.89	ng		87
30) 1,2,4-Trichlorobenzene	8.20	180	405920	41.85	ng		100
31) Naphthalene	8.28	128	1289296	39.80	ng		99
32) Benzoic acid	8.01	122	161959	21.92	ng	#	86
33) 4-Chloroaniline	8.32	127	522580	39.88	ng		99
34) Hexachlorobutadiene	8.40	225	223681	44.32	ng		100
35) Caprolactam	8.70	113	111159m	37.94	ng		
36) 4-Chloro-3-methylphenol	8.80	107	435362	42.78	ng		98
37) 2-Methylnaphthalene	8.97	142	884274	42.53	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	358071	39.52	ng		98
40) Hexachlorocyclopentadiene	9.12	237	185839	38.03	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	277038	41.08	ng		100
43) 2,4,5-Trichlorophenol	9.28	196	233891	36.57	ng		98
45) 1,1'-Biphenyl	9.43	154	1026780	37.94	ng		99
46) 2-Chloronaphthalene	9.46	162	826672	40.07	ng		99
47) 2-Nitroaniline	9.56	65	246093	38.49	ng	#	51
48) Acenaphthylene	9.88	152	1282020	39.92	ng		99
49) Dimethylphthalate	9.74	163	981718	40.37	ng		99
50) 2,6-Dinitrotoluene	9.80	165	221291	42.54	ng		93
51) Acenaphthene	10.05	154	734505	37.67	ng		98
52) 3-Nitroaniline	9.97	138	257482	41.37	ng		88
53) 2,4-Dinitrophenol	10.06	184	41902	22.31	ng	#	47
54) Dibenzofuran	10.22	168	1033729	40.47	ng		99
55) 4-Nitrophenol	10.12	139	176845	36.16	ng		90
56) 2,4-Dinitrotoluene	10.20	165	271733	40.82	ng		97
57) Fluorene	10.56	166	812852	40.51	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	182945	40.72	ng		99
59) Diethylphthalate	10.44	149	950605	40.29	ng		99
60) 4-Chlorophenyl-phenylether	10.55	204	378015	38.72	ng		97
61) 4-Nitroaniline	10.57	138	201094	34.54	ng		97
62) Azobenzene	10.71	77	821287	35.33	ng		98
64) 4,6-Dinitro-2-methylphenol	10.61	198	100772	28.88	ng		81
65) n-Nitrosodiphenylamine	10.66	169	701157	38.68	ng		98
66) 4-Bromophenyl-phenylether	11.04	248	228997	40.47	ng		94
67) Hexachlorobenzene	11.11	284	242806	40.22	ng	#	92
68) Atrazine	11.19	200	200671	39.81	ng		99
69) Pentachlorophenol	11.29	266	125374	37.42	ng		99
70) Phenanthrene	11.52	178	1136695	37.22	ng		99
71) Anthracene	11.58	178	1299514	40.08	ng		99
72) Carbazole	11.73	167	1091676	38.40	ng		99
73) Di-n-butylphthalate	12.06	149	1445144	40.21	ng	#	98
74) Fluoranthene	12.71	202	1188000	38.76	ng		99
76) Benzidine	12.83	184	467827	42.06	ng		99
77) Pyrene	12.94	202	1159592	41.22	ng		99
79) Butylbenzylphthalate	13.56	149	567456	44.46	ng	#	75
80) Benzo(a)anthracene	14.13	228	867729	38.78	ng		98
81) 3,3'-Dichlorobenzidine	14.08	252	289532	41.02	ng		100
82) Chrysene	14.16	228	863679	41.79	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	684897	40.78	ng	#	98
84) Di-n-octyl phthalate	14.72	149	1033292	40.39	ng		98
85) Indeno(1,2,3-cd)pyrene	17.08	276	711652	44.12	ng		98
87) Benzo(b)fluoranthene	15.17	252	795820	42.81	ng		99
88) Benzo(k)fluoranthene	15.20	252	543162m	36.23	ng		
89) Benzo(a)pyrene	15.55	252	632379	41.05	ng		99
90) Dibenzo(a,h)anthracene	17.09	278	590588	44.92	ng		99
91) Benzo(g,h,i)perylene	17.52	276	597293	45.18	ng		100

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

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