Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087543.D
Acq On : 30 May 2016 10:46
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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5/31/2016 7:40:36 PM

Quant Time: May 31 13:17:45 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 31 00:45:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	137657	20.00	ng		0.00
21) Naphthalene-d8	9.51	136	548820	20.00	ng		0.00
38) Acenaphthene-d10	12.33	164	253266	20.00	ng		0.00
63) Phenanthrene-d10	14.74	188	447236	20.00	ng		0.00
75) Chrysene-d12	18.45	240	312248	20.00	ng		0.00
86) Perylene-d12	20.15	264	265320	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	619741	79.11	ng		0.00
7) Phenol-d6	7.04	99	818628	77.33	ng		0.00
23) Nitrobenzene-d5	8.40	82	898095	82.47	ng		-0.01
41) 2,4,6-Tribromophenol	13.63	330	183412	75.36	ng		0.00
44) 2-Fluorobiphenyl	11.28	172	1386038	77.15	ng		-0.01
78) Terphenyl-d14	17.09	244	1227904	83.60	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.76	88	142238	34.41	ng	#	74
3) Pyridine	2.34	79	322374m	35.67	ng		
4) n-Nitrosodimethylamine	2.32	42	291243	41.83	ng	#	39
6) Aniline	6.98	93	533452	38.96	ng		93
8) 2-Chlorophenol	7.15	128	385011	39.41	ng		87
9) Benzaldehyde	6.81	77	230366	39.42	ng		98
10) Phenol	7.05	94	465762	40.29	ng		74
11) bis(2-Chloroethyl)ether	7.12	93	366582	39.18	ng		88
12) 1,3-Dichlorobenzene	7.37	146	400292	37.56	ng	#	94
13) 1,4-Dichlorobenzene	7.50	146	427990m	39.12	ng		
14) 1,2-Dichlorobenzene	7.74	146	397987	39.33	ng		99
15) Benzyl Alcohol	7.78	79	329827	42.74	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	7.96	45	775206	36.82	ng		87
17) 2-Methylphenol	8.00	107	295772	37.78	ng	#	90
18) Hexachloroethane	8.24	117	161103	39.48	ng		94
19) n-Nitroso-di-n-propylamine	8.20	70	311911	39.51	ng	#	74
20) 3+4-Methylphenols	8.26	107	371315	39.23	ng	#	58
22) Acetophenone	8.17	105	533591	40.70	ng	#	95
24) Nitrobenzene	8.43	77	472365	41.09	ng		98
25) Isophorone	8.82	82	779186	39.90	ng		99
26) 2-Nitrophenol	8.94	139	186774	39.75	ng	#	71
27) 2,4-Dimethylphenol	9.07	122	330023	40.46	ng	#	84
28) bis(2-Chloroethoxy)methane	9.20	93	419710	38.15	ng		98
29) 2,4-Dichlorophenol	9.36	162	303956	41.35	ng		98
30) 1,2,4-Trichlorobenzene	9.44	180	332746	39.54	ng		99
31) Naphthalene	9.54	128	1109382	40.34	ng		100
32) Benzoic acid	9.44	122	103167	27.41	ng	#	77
33) 4-Chloroaniline	9.69	127	439481	43.39	ng	#	87
34) Hexachlorobutadiene	9.75	225	199557	39.01	ng		99
35) Caprolactam	10.35	113	86892	40.50	ng	#	62
36) 4-Chloro-3-methylphenol	10.56	107	355905	42.82	ng	#	85
37) 2-Methylnaphthalene	10.66	142	685818	39.92	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	10.94	216	314221	38.76	ng		99
40) Hexachlorocyclopentadiene	10.90	237	38892	19.74	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.18	196	185948	39.74	ng		95
43) 2,4,5-Trichlorophenol	11.28	196	167681	35.19	ng	#	80
45) 1,1'-Biphenyl	11.44	154	850116	39.87	ng		99
46) 2-Chloronaphthalene	11.45	162	628239	38.51	ng	#	92
47) 2-Nitroaniline	11.68	65	257566	43.82	ng	#	66
48) Acenaphthylene	12.10	152	999802	38.71	ng		99
49) Dimethylphthalate	11.99	163	782247	38.56	ng		100
50) 2,6-Dinitrotoluene	12.09	165	161831	39.59	ng	#	73
51) Acenaphthene	12.39	154	627068	39.50	ng		98
52) 3-Nitroaniline	12.37	138	176230	42.00	ng	#	75
53) 2,4-Dinitrophenol	12.65	184	27499	18.61	ng	#	77
54) Dibenzofuran	12.67	168	840493	39.11	ng		92
55) 4-Nitrophenol	12.81	139	52665	26.31	ng	#	50
56) 2,4-Dinitrotoluene	12.77	165	221668	40.57	ng		93
57) Fluorene	13.23	166	729105	39.12	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.93	232	126393	34.48	ng		97
59) Diethylphthalate	13.13	149	768038	38.94	ng		99
60) 4-Chlorophenyl-phenylether	13.26	204	344478	37.90	ng		89
61) 4-Nitroaniline	13.37	138	156160	39.88	ng	#	57
62) Azobenzene	13.51	77	738498	36.09	ng		83
64) 4,6-Dinitro-2-methylphenol	13.43	198	85345	30.01	ng	#	51
65) n-Nitrosodiphenylamine	13.47	169	599068	41.42	ng		99
66) 4-Bromophenyl-phenylether	14.03	248	195483	39.95	ng		92
67) Hexachlorobenzene	14.11	284	213839	41.79	ng	#	77
68) Atrazine	14.39	200	130101	28.22	ng		92
69) Pentachlorophenol	14.50	266	37160	27.74	ng		97
70) Phenanthrene	14.78	178	1004443	40.55	ng		100
71) Anthracene	14.87	178	1056297	42.21	ng		98
72) Carbazole	15.17	167	878885	41.18	ng		99
73) Di-n-butylphthalate	15.73	149	1150522	41.68	ng	#	98
74) Fluoranthene	16.55	202	971506	39.11	ng		94
76) Benzidine	16.79	184	288077	35.86	ng		98
77) Pyrene	16.85	202	1003141	44.63	ng		99
79) Butylbenzylphthalate	17.75	149	416247	41.76	ng	#	67
80) Benzo(a)anthracene	18.43	228	725425	40.84	ng		99
81) 3,3'-Dichlorobenzidine	18.41	252	393504	40.10	ng		98
82) Chrysene	18.48	228	683324	38.77	ng		99
83) Bis(2-ethylhexyl)phthalate	18.49	149	571976	39.33	ng		95
84) Di-n-octyl phthalate	19.26	149	855542	38.57	ng	#	83
85) Indeno(1,2,3-cd)pyrene	21.36	276	645287	45.67	ng		93
87) Benzo(b)fluoranthene	19.71	252	583991m	34.55	ng		
88) Benzo(k)fluoranthene	19.75	252	699563m	48.09	ng		
89) Benzo(a)pyrene	20.08	252	566665	38.77	ng		98
90) Dibenzo(a,h)anthracene	21.35	278	526846	42.26	ng		95
91) Benzo(g,h,i)perylene	21.74	276	446727	36.32	ng	#	92

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

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