Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052916\
Data File : BF087563.D
Acq On : 30 May 2016 22:45
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 7:40:48 PM

Quant Time: May 31 13:40:28 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	144643	20.00	ng		0.00
21) Naphthalene-d8	9.51	136	551824	20.00	ng		0.00
38) Acenaphthene-d10	12.34	164	261223	20.00	ng		0.01
63) Phenanthrene-d10	14.75	188	470303	20.00	ng		0.01
75) Chrysene-d12	18.46	240	307451	20.00	ng		0.01
86) Perylene-d12	20.17	264	257601	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	634527	77.08	ng		0.01
7) Phenol-d6	7.05	99	813224	73.11	ng		0.01
23) Nitrobenzene-d5	8.41	82	901045	82.29	ng		0.00
41) 2,4,6-Tribromophenol	13.63	330	170407	67.88	ng		0.00
44) 2-Fluorobiphenyl	11.29	172	1404990	75.83	ng		0.00
78) Terphenyl-d14	17.10	244	1229329	85.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.76	88	151273	34.83	ng	#	72
3) Pyridine	2.35	79	312584m	32.92	ng		
4) n-Nitrosodimethylamine	2.33	42	271704	37.14	ng	#	45
6) Aniline	6.98	93	557251	38.73	ng		97
8) 2-Chlorophenol	7.16	128	392472	38.23	ng		90
9) Benzaldehyde	6.81	77	241632	39.35	ng		98
10) Phenol	7.07	94	454278	37.40	ng		78
11) bis(2-Chloroethyl)ether	7.12	93	368956	37.53	ng		86
12) 1,3-Dichlorobenzene	7.37	146	409039	36.53	ng	#	92
13) 1,4-Dichlorobenzene	7.50	146	432052	37.59	ng	#	91
14) 1,2-Dichlorobenzene	7.74	146	407373	38.31	ng		99
15) Benzyl Alcohol	7.79	79	314055	38.73	ng		88
16) 2,2'-oxybis(1-Chloropropan	7.96	45	793286	35.86	ng		88
17) 2-Methylphenol	8.02	107	321607	39.09	ng	#	89
18) Hexachloroethane	8.24	117	163701	38.17	ng		95
19) n-Nitroso-di-n-propylamine	8.20	70	305877	36.87	ng	#	68
20) 3+4-Methylphenols	8.27	107	419351	42.17	ng	#	58
22) Acetophenone	8.17	105	555979	42.17	ng	#	91
24) Nitrobenzene	8.43	77	484564	41.93	ng		97
25) Isophorone	8.82	82	781665	39.81	ng	#	98
26) 2-Nitrophenol	8.95	139	180552	38.22	ng	#	82
27) 2,4-Dimethylphenol	9.08	122	334130	40.74	ng	#	85
28) bis(2-Chloroethoxy)methane	9.20	93	428014	38.70	ng		98
29) 2,4-Dichlorophenol	9.38	162	307077	41.55	ng		98
30) 1,2,4-Trichlorobenzene	9.44	180	334715	39.56	ng		98
31) Naphthalene	9.54	128	1096200	39.64	ng		99
32) Benzoic acid	9.45	122	85900	23.70	ng	#	75
33) 4-Chloroaniline	9.70	127	411690	40.42	ng	#	93
34) Hexachlorobutadiene	9.75	225	204502	39.76	ng		98
35) Caprolactam	10.35	113	87426	40.53	ng	#	48
36) 4-Chloro-3-methylphenol	10.58	107	322228	38.56	ng		94
37) 2-Methylnaphthalene	10.67	142	719533	41.65	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.95	216	321460	38.44	ng		98
40) Hexachlorocyclopentadiene	10.90	237	37114	18.97	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.19	196	171461	35.53	ng		93
43) 2,4,5-Trichlorophenol	11.29	196	159709	32.49	ng	#	84
45) 1,1'-Biphenyl	11.44	154	875976	39.83	ng		98
46) 2-Chloronaphthalene	11.45	162	661061	39.29	ng	#	90
47) 2-Nitroaniline	11.69	65	255356	42.12	ng	#	74
48) Acenaphthylene	12.11	152	1013057	38.03	ng		99
49) Dimethylphthalate	12.00	163	809009	38.66	ng		99
50) 2,6-Dinitrotoluene	12.09	165	157203	37.28	ng	#	58
51) Acenaphthene	12.39	154	616629	37.66	ng		98
52) 3-Nitroaniline	12.38	138	171142	39.55	ng	#	74
53) 2,4-Dinitrophenol	12.71	184	6308	9.23	ng	#	1
54) Dibenzofuran	12.69	168	853514	38.50	ng		97
55) 4-Nitrophenol	12.86	139	32386	15.69	ng	#	1
56) 2,4-Dinitrotoluene	12.77	165	233528	41.44	ng	#	85
57) Fluorene	13.23	166	726091	37.77	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.94	232	106089	28.06	ng		94
59) Diethylphthalate	13.13	149	791437	38.90	ng		99
60) 4-Chlorophenyl-phenylether	13.26	204	345561	36.86	ng		93
61) 4-Nitroaniline	13.38	138	147287	36.47	ng	#	47
62) Azobenzene	13.52	77	757843	35.91	ng		86
64) 4,6-Dinitro-2-methylphenol	13.45	198	43264	14.47	ng	#	25
65) n-Nitrosodiphenylamine	13.47	169	593411	39.02	ng		99
66) 4-Bromophenyl-phenylether	14.05	248	198118	38.51	ng	#	89
67) Hexachlorobenzene	14.11	284	207441	38.55	ng	#	70
68) Atrazine	14.39	200	120682	24.89	ng		92
69) Pentachlorophenol	14.51	266	23006	18.87	ng		97
70) Phenanthrene	14.79	178	1029092	39.50	ng		99
71) Anthracene	14.87	178	1055272	40.10	ng		99
72) Carbazole	15.18	167	824973	36.75	ng		99
73) Di-n-butylphthalate	15.73	149	1134788	39.09	ng	#	98
74) Fluoranthene	16.56	202	937428	35.89	ng		93
76) Benzidine	16.81	184	183391	23.18	ng		97
77) Pyrene	16.86	202	963545	43.54	ng		99
79) Butylbenzylphthalate	17.75	149	408431	41.62	ng	#	63
80) Benzo(a)anthracene	18.45	228	649230	37.12	ng		99
81) 3,3'-Dichlorobenzidine	18.42	252	378037	39.13	ng	#	98
82) Chrysene	18.49	228	655461	37.76	ng		100
83) Bis(2-ethylhexyl)phthalate	18.49	149	558652	39.01	ng		96
84) Di-n-octyl phthalate	19.26	149	873885	40.01	ng	#	82
85) Indeno(1,2,3-cd)pyrene	21.38	276	512146	36.81	ng		96
87) Benzo(b)fluoranthene	19.73	252	564781m	34.42	ng		
88) Benzo(k)fluoranthene	19.76	252	753225m	53.33	ng		
89) Benzo(a)pyrene	20.09	252	567020	39.95	ng		99
90) Dibenzo(a,h)anthracene	21.37	278	488149	40.33	ng		96
91) Benzo(g,h,i)perylene	21.79	276	368726	30.87	ng	#	90

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

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