Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087477.D
Acq On : 28 May 2016 13:38
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 30 03:18:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	185989	20.00	ng		-0.05
21) Naphthalene-d8	9.51	136	774703	20.00	ng		-0.05
38) Acenaphthene-d10	12.33	164	360432	20.00	ng		-0.06
63) Phenanthrene-d10	14.73	188	674927	20.00	ng		-0.05
75) Chrysene-d12	18.43	240	439533	20.00	ng		-0.05
86) Perylene-d12	20.10	264	338526	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	935714	88.40	ng		-0.06
7) Phenol-d6	7.04	99	1205503	84.29	ng		-0.03
23) Nitrobenzene-d5	8.40	82	1306289	84.98	ng		-0.05
41) 2,4,6-Tribromophenol	13.63	330	288471	83.29	ng		-0.05
44) 2-Fluorobiphenyl	11.29	172	1974912	77.25	ng		-0.05
78) Terphenyl-d14	17.09	244	1879383	90.90	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	1.76	88	205150	36.73	ng	#	76
3) Pyridine	2.34	79	454268	37.21	ng	#	64
4) n-Nitrosodimethylamine	2.32	42	421202	44.77	ng	#	44
6) Aniline	6.97	93	796028	43.02	ng		95
8) 2-Chlorophenol	7.15	128	541578	41.03	ng		90
9) Benzaldehyde	6.78	77	325810	41.26	ng		94
10) Phenol	7.05	94	642644	41.15	ng		75
11) bis(2-Chloroethyl)ether	7.12	93	506991	40.11	ng		85
12) 1,3-Dichlorobenzene	7.37	146	573865	39.86	ng	#	94
13) 1,4-Dichlorobenzene	7.50	146	589447	39.88	ng	#	94
14) 1,2-Dichlorobenzene	7.72	146	544834	39.85	ng		96
15) Benzyl Alcohol	7.77	79	474568	45.51	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	7.96	45	1124127	39.52	ng		87
17) 2-Methylphenol	7.99	107	438946	41.49	ng	#	87
18) Hexachloroethane	8.24	117	224264	40.67	ng		100
19) n-Nitroso-di-n-propylamine	8.20	70	440978	41.34	ng	#	69
20) 3+4-Methylphenols	8.25	107	571051	44.65	ng	#	60
22) Acetophenone	8.17	105	778865	42.08	ng	#	98
24) Nitrobenzene	8.43	77	685501	42.25	ng		95
25) Isophorone	8.82	82	1141396	41.40	ng		98
26) 2-Nitrophenol	8.92	139	285233	43.00	ng	#	67
27) 2,4-Dimethylphenol	9.07	122	467063	40.57	ng	#	84
28) bis(2-Chloroethoxy)methane	9.20	93	611191	39.36	ng		98
29) 2,4-Dichlorophenol	9.34	162	435248	41.95	ng		94
30) 1,2,4-Trichlorobenzene	9.43	180	468318	39.43	ng		96
31) Naphthalene	9.54	128	1569804	40.44	ng		99
32) Benzoic acid	9.43	122	205140	36.23	ng	#	79
33) 4-Chloroaniline	9.68	127	595774	41.67	ng	#	89
34) Hexachlorobutadiene	9.75	225	287573	39.83	ng		98
35) Caprolactam	10.36	113	130487	43.09	ng	#	62
36) 4-Chloro-3-methylphenol	10.56	107	507168	43.23	ng		92
37) 2-Methylnaphthalene	10.66	142	934384	38.53	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	10.94	216	443191	38.41	ng		99
40) Hexachlorocyclopentadiene	10.91	237	117898	31.35	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.16	196	271210	40.73	ng		93
43) 2,4,5-Trichlorophenol	11.24	196	274596	40.49	ng	#	87
45) 1,1'-Biphenyl	11.44	154	1210193	39.88	ng		97
46) 2-Chloronaphthalene	11.45	162	907653	39.09	ng		94
47) 2-Nitroaniline	11.67	65	370334	44.27	ng	#	75
48) Acenaphthylene	12.10	152	1396121	37.98	ng		99
49) Dimethylphthalate	12.00	163	1139823	39.48	ng		100
50) 2,6-Dinitrotoluene	12.09	165	218306	37.52	ng	#	64
51) Acenaphthene	12.39	154	864206	38.25	ng		98
52) 3-Nitroaniline	12.35	138	257632	43.15	ng	#	78
53) 2,4-Dinitrophenol	12.57	184	83686	32.35	ng	#	85
54) Dibenzofuran	12.67	168	1192176	38.98	ng		95
55) 4-Nitrophenol	12.75	139	119815	42.07	ng	#	29
56) 2,4-Dinitrotoluene	12.75	165	328273	42.22	ng		92
57) Fluorene	13.22	166	1048923	39.55	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.91	232	201507	38.63	ng		96
59) Diethylphthalate	13.14	149	1087575	38.74	ng		99
60) 4-Chlorophenyl-phenylether	13.26	204	503661	38.94	ng		91
61) 4-Nitroaniline	13.37	138	233505	41.90	ng	#	63
62) Azobenzene	13.51	77	1211691	41.61	ng		85
64) 4,6-Dinitro-2-methylphenol	13.42	198	148810	34.68	ng	#	52
65) n-Nitrosodiphenylamine	13.47	169	832428	38.14	ng		99
66) 4-Bromophenyl-phenylether	14.03	248	289507	39.21	ng		94
67) Hexachlorobenzene	14.11	284	307499	39.82	ng	#	84
68) Atrazine	14.39	200	209397	30.10	ng		93
69) Pentachlorophenol	14.47	266	97674	43.73	ng		99
70) Phenanthrene	14.78	178	1495942	40.01	ng		100
71) Anthracene	14.86	178	1459136	38.64	ng		100
72) Carbazole	15.15	167	1311975	40.73	ng		99
73) Di-n-butylphthalate	15.73	149	1568371	37.65	ng	#	98
74) Fluoranthene	16.54	202	1423709	37.98	ng		94
76) Benzidine	16.77	184	622503	55.04	ng		97
77) Pyrene	16.83	202	1391222	43.97	ng		99
79) Butylbenzylphthalate	17.75	149	592860	42.26	ng	#	69
80) Benzo(a)anthracene	18.42	228	996523	39.86	ng		99
81) 3,3'-Dichlorobenzidine	18.41	252	539260	39.04	ng		97
82) Chrysene	18.47	228	949694	38.27	ng		98
83) Bis(2-ethylhexyl)phthalate	18.49	149	788448	38.51	ng	#	95
84) Di-n-octyl phthalate	19.27	149	1110703	35.57	ng	#	84
85) Indeno(1,2,3-cd)pyrene	21.33	276	945180	47.52	ng	#	93
87) Benzo(b)fluoranthene	19.69	252	880979	40.85	ng		98
88) Benzo(k)fluoranthene	19.73	252	663848m	35.77	ng		
89) Benzo(a)pyrene	20.05	252	743838	39.88	ng		99
90) Dibenzo(a,h)anthracene	21.33	278	783308	49.24	ng	#	93
91) Benzo(g,h,i)perylene	21.67	276	799929	50.97	ng	#	90

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

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